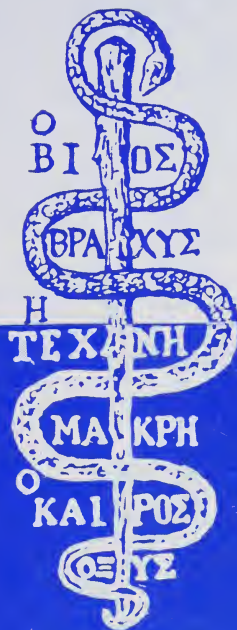


# MEDICAL COLLEGE OF GEORGIA

BULLETIN  
1965-1966



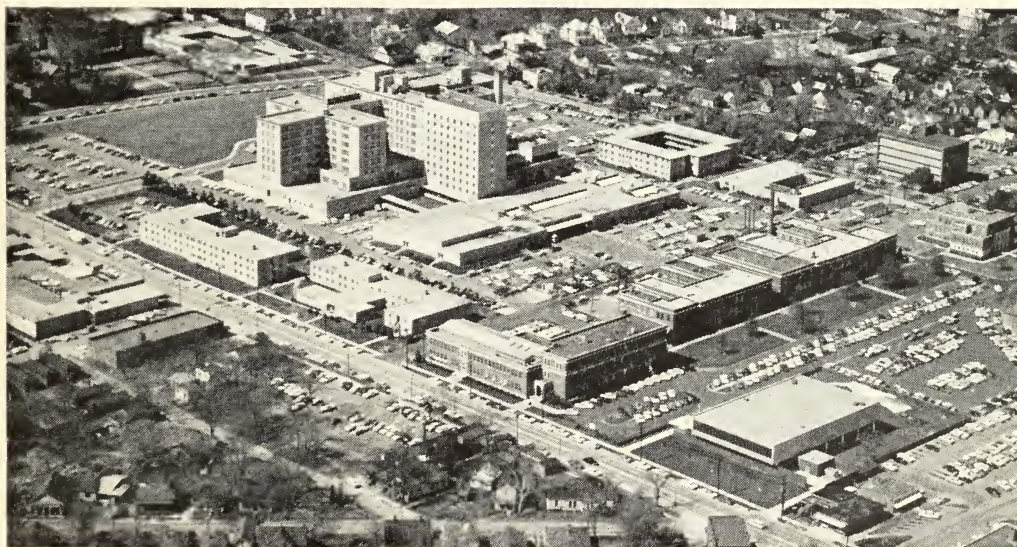
**MEDICINE**  
**GRADUATE EDUCATION**  
**MEDICAL ILLUSTRATION**  
**MEDICAL RECORD SCIENCE**  
**MEDICAL TECHNOLOGY**  
**NURSING**  
**RADIOLOGIC TECHNOLOGY**

*A Unit of the University System, State of Georgia*  
*Augusta, Georgia*



# MEDICAL COLLEGE OF GEORGIA

*A Unit of the University System,  
State of Georgia  
Augusta*



## BULLETIN 1965-1966

*One-hundred-thirty-fifth session  
Vol. 52, No. 1, 1965*





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# **GENERAL INFORMATION**

## **THE UNIVERSITY SYSTEM**

The University System of the State of Georgia was established in 1931 when control and operational authority over state-aided schools of higher learning was vested in the University System Board of Regents, a constitutional body appointed by the Governor and approved by the Senate. There are fifteen regents, all serving terms of seven years. Members of the Board are appointed from each of the state's Congressional Districts, and the remainder from the state at large. The regents select their own officers and appoint a chancellor as chief administrator of the University System. The system consists of 20 institutions including the Medical College of Georgia.

## **HISTORY, MEDICAL COLLEGE OF GEORGIA**

Establishment in Augusta of a Medical Academy for the State of Georgia, empowered to confer the degree of Bachelor of Medicine, was approved by the State Legislature in 1828. In 1829, the academy was named Medical Institute of Georgia and was authorized to award the degree of Doctor of Medicine. The first class enrolled that year for a course of study consisting of the then-customary two six-month sessions. Even at that early date, however, the Georgia medical faculty was advocating a lengthier and more thorough teaching program, but complied with custom because of opposition from other schools.

In 1833 the school adopted the name *Medical College of Georgia*, and in 1873 it became affiliated with the University of Georgia as its Medical Department. In 1931 all state-aided schools of higher learning, including the medical facility, were merged into the University System of Georgia and administration was assumed by the system's Board of Regents. The name *Medical College of Georgia* was restored in 1950 when the Regents declared the school to be an independent unit of the University System. Administrative authority now is delegated to the college president.

In 1956 the school moved to its present location and began operation of its own teaching hospital (Eugene Talmadge Memorial Hospital).

The Medical College has functioned continuously in Augusta since it was founded, except for a brief period during the War Between the States.

## **COLLEGE DEVELOPMENT**

The Medical College is now in the midst of planning for a vast building program which ultimately will include a research and graduate education complex, a classroom-laboratory building, student housing, and a student center. The new facilities are to be located on an adjacent site, scheduled for acquisition by the college during 1965.

## **PROGRAMS**

The Medical College of Georgia offers the degree of Doctor of Medicine. It also is authorized to award graduate degrees (M.S. and Ph.D.) in sciences related to medicine; and baccalaureate degrees in medical technology, medical record science, medical illustration, radiologic technology and nursing. There is in addition a certificate program in X-ray technology.

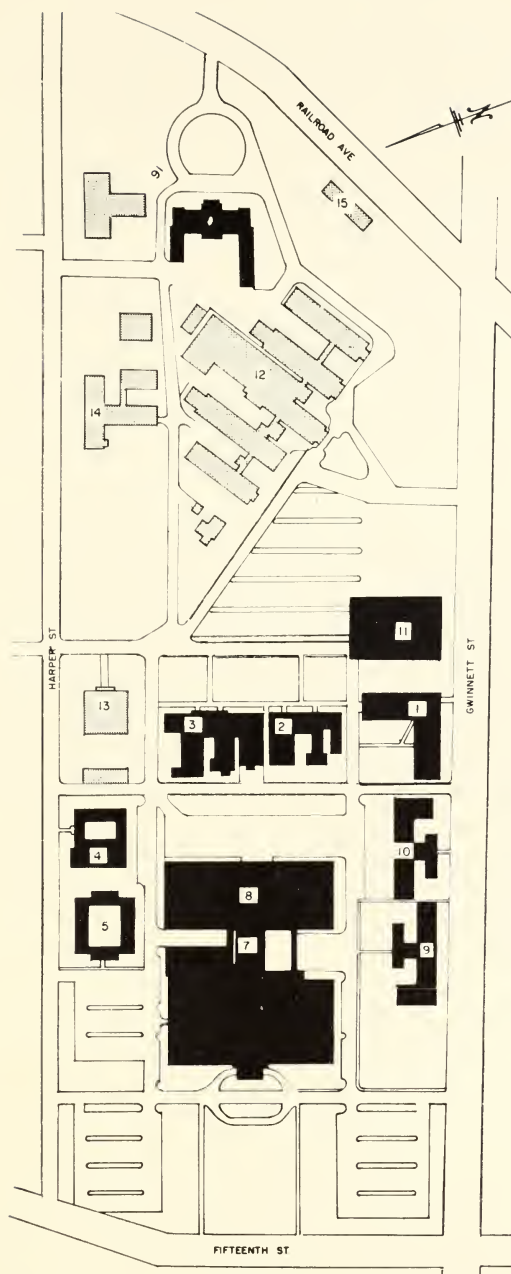
## **FACILITIES FOR INSTRUCTION**

The Medical College of Georgia campus, situated in the approximate center of Augusta, is convenient to the downtown business district. The locations of the college's various facilities are shown on the campus map (page 5).

**Administration Building (1).** First floor: offices of college President, Dean of School of Medicine, Registrar, Student Affairs, Comptroller, Book Store, Alumni Association. Second floor: Department of Anatomy. Third floor: classrooms and laboratories for experimental surgery.

**Murphey Building (2).** Departments of Pathology and Medical Microbiology and Public Health.





# MEDICAL COLLEGE OF GEORGIA CAMPUS

1. Administration Building
2. Murphey Building
3. Dugas Building
4. School of Nursing
5. Resident's Quarters
6. Eugene Talmadge Memorial Hospital
7. Research Annex
8. Auditorium, Classrooms
9. Women's Dormitory
10. Women's Dormitory
11. Medical College Library
12. University Hospital
13. County Health Department
14. Doughty Nurses' Home
15. Out-Patient Department (University Hospital)
16. Cleckley Psychiatric Building

**Dugas Building (3).** Departments of Biochemistry, Physiology, Pharmacology, and Medical Illustration.

**Library (11).** The medical library houses open stacks, reading and study areas, individual carrels, and small group study rooms in a modern two-story building. The library subscribes to 1,032 scientific periodicals, and has more than 47,400 volumes cataloged. A collection of historic volumes, some dating from the sixteenth Century, is located in the Rare Books Room. The Dr. William J. Young Endowment contributes to the support of the library.

**Eugene Talmadge Memorial Hospital (6).** The hospital is an integral part of the Medical College, contributing teaching and clinical research facilities for both faculty and students. It contains approximately 500 active teaching beds with supporting X-ray, laboratory, physical medicine, surgery, and dietary facilities.

In the hospital is a Clinical Investigation Unit of ten beds with core laboratories; and a Hemodynamic Clinical Research Unit with biochemical, physiological and radiological laboratories for advanced studies of human heart disease. The hospital also houses the Southeastern Respiratory and Rehabilitation Center for the long-term management of respiratory paralysis.

The clinical, teaching and research facilities are utilized for the benefit of students in medicine, nursing, medical record science, medical technology, medical illustration, radiologic technology, and in the sciences basic to medicine.

**Clinical Research Annex (7).** A ten-floor annex to the teaching hospital, containing special laboratories for research.

**University Hospital (12).** A city-county community hospital, some facilities of which are used for teaching purposes.

**Gracewood State School and Hospital.** The facilities and patients of this state institution are available for clerkships and clinical demonstrations of neurologic, biochemical and genetic disorders. It is located on the outskirts of Augusta.

**Veterans Administration Hospital.** Students serve ward clerkships in medicine and surgery at the Forest Hills Division, located about two miles from the Medical College campus.

**Outpatient Department (15).** An outpatient service, maintained at University Hospital for indigent patients of Richmond County, is staffed by the Medical College. In addition, specialty outpatient services are scheduled at the Eugene Talmadge Memorial Hospital. The combined outpatient programs total more than 60,000 patient visits per year.

**Augusta-Richmond County Health Department (13).** Located adjacent to the campus, it contributes to the teaching programs in public health, pediatrics, and obstetrics.

**Batley State Hospital, Rome, Georgia.** A state hospital which participates in the thoracic surgery resident training program.

## **FEES AND EXPENSES**

The college reserves the right to make changes in its fees, charges, rules and regulations at the beginning of any quarter and without previous notice. Information concerning additional expenses for specific graduate and undergraduate programs will be found under the various program listings elsewhere in this Bulletin. The appropriate fees listed here should be combined with the expenses listed under the different programs in order to calculate accurately the total costs to be paid by the student.

### **Fees for the academic year**

A. Medical Students	
Residents .....	\$ 600.00
Non-residents .....	1,200.00
B. Graduate students (Doctoral and Masters)	
Residents .....	225.00
Non-residents .....	525.00
C. Undergraduate students	
Residents .....	225.00



Non-residents .....	525.00
D. Part-time Graduate and undergraduate enrollment per quarter hour:	
Residents .....	6.00
Non-residents .....	14.00

#### **Special materials**

First and Second year medical students and medical illustration students .....	40.00
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#### **Activities fee**

A. Medical and graduate students .....	12.00
B. Undergraduate students .....	5.00

#### **Penalty fee**

Charged of students who fail to register on the regular registration date for the first quarter, or who pay fees later than due dates at the beginning of the second or third quarters .....	5.00
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#### **Diploma fee**

A. Medical students .....	5.00
B. Graduate students	
Masters .....	10.00
Doctoral (includes cost of hood) .....	25.00
C. Undergraduate students .....	8.00

#### **College dormitory (per quarter) .....** 60.00

For women students in medicine, nursing, medical art, and medical record science. The rate is based on occupancy of two students per room. Rate for single occupancy, if available, will be an additional \$20.00 per quarter. The Director of Women's Activities reserves the privilege of granting or assigning single occupancy.

Room refunds. A student withdrawing from the college will be charged a daily rate for room and board from the beginning of the quarter to the date of withdrawal. The balance due, if any, will be refunded at the end of the quarter. No refund of matriculation and room fees is made in case of a disciplinary suspension. Payments for room will not be refunded to a student who, while continuing to be a student at the college, moves to a private house or sorority or fraternity house, or who ignores a room assignment.

#### **Transcript fee**

A fee of \$1.00 each may be charged for copies of official transcripts of students' records. This charge will not be made for the first official copy requested by the student.

#### **Food costs**

Students are responsible for their own meals. Meals or individual items may be purchased in the hospital cafeteria or snack bar; or meals are available at conveniently located nearby restaurants.

#### **Notes and post-dated checks**

These will not be accepted in payment of fees owed the Medical College of Georgia.

#### **Refund of fees**

There may be no refund of laboratory fees except in cases of serious illness. A medical or graduate student withdrawing within four weeks after the beginning of any quarter, who obtains from the President a statement of honorable standing and from a physician a certificate of inability to remain in attendance, is allowed a refund of one-half the payment due on fees at the time of registration. No refund is allowed if a student withdraws later than four weeks after the beginning of a quarter for which fees were paid.

Undergraduate students in good standing who formally withdraw from their respective programs are entitled to the following prorated refund of fees:

80% if withdrawal is within 7 days following the last day of registration;  
60% if withdrawal is within 8 to 14 days following the last day of registration;  
40% if withdrawal is within 15 to 20 days following the last day of registration;  
20% if withdrawal is within 22 to 28 days following the last day of registration.

Refunds for students who are veterans are made on a prorated day by day basis.

## **FINANCIAL ASSISTANCE**

Financial aid is available for many undergraduate, graduate and medical students. Application forms and information may be secured from the Department of Student Affairs. Among the funds from which loans may be made are the following:

**Student Loan Fund**, established in 1926 by Dr. James Russell Howell.

**Eugene E. Murphey Fund**, donated by Mr. Byron B. Taggart in honor of Dr. Murphey.

**DeLeon Laboratories Fund**, given in 1955 by Mr. Harold Palmer, president of the pharmaceutical firm.

**W. K. Kellogg Foundation**, the 1942 and 1943 grants of which have evolved into a permanent fund.

**Carlin Alexander Fund**, sponsored by the Phi Rho Sigma Wives Club in memory of a former member.

**Augusta Jaycee Student Loan Fund**, given to the Medical College for the purpose of encouraging or securing Federal matching funds for students in undergraduate programs.

**Medical Dames Student Loan Fund**, established in 1964 for the benefit of married students.

**Georgia Pediatric Society Loan Fund**, given in 1959 to provide needy students with temporary financial help.

**Health Professions Student Loan Fund** for the benefit of full-time students in good standing. The maximum annual loan is \$2,000.

**AMA-Guaranteed Medical Education Loans**, a cooperative effort by the American Medical Association and private enterprise. Up to a total of \$10,000 may be borrowed over a seven-year period to meet education costs incurred by students, interns and residents.

**State Medical Education Board**. Established by a Georgia constitutional amendment, its purpose is to grant scholarships to bona fide residents of the state to help defray tuition and other student expenses in any accredited four-year medical school in the United States. Awarded to individual students in amounts up to \$5,000, they are made available in annual installments of up to \$1,250. A student receiving this aid is required to sign a contract in which he agrees to repay the scholarship by providing professional medical service in a community of his choice with a population of 5,000 or less. \$1,000 of the scholarship, together with interest, will be credited to the recipient for each year of medical practice in the approved community. Further information is available on request from:

*The Secretary  
State Medical Education Board  
Fourth Floor  
244 Washington Street, S.W.  
Atlanta, Georgia*

## **STUDENT HEALTH SERVICE**

### **Medical care**

The Student Health Service is under the supervision of a designated school physician. Physical examinations, immunizations, and X-Ray and laboratory procedures are done on all students in Medicine, the Graduate Division, and the Undergraduate programs. Additional periodic examinations are made and indicated treatment is

provided. Information on the fee for this student service is available from the Office of the Comptroller.

### **Insurance protection**

All full-time students of the Medical College of Georgia participate in a group life and hospitalization plan. Benefits and costs for students in the School of Medicine:

#### **Student benefits:**

Life insurance .....	\$3,000.00
Accidental death or dismemberment .....	3,000.00
Hospital expenses:	
Daily maximum .....	12.00
Incidentals .....	180.00

#### **Dependent benefits:**

Hospital expense:	
Daily maximum .....	12.00
Incidentals .....	180.00

#### **Annual cost:**

Student only .....	30.48
Student with dependents .....	73.44

There are minor variations in benefits and fees for students in programs other than medicine. Information is available from the Office of the Comptroller.

## **ADMISSION REQUIREMENTS**

The specific additional requirements for admission to the various programs of the Medical College of Georgia are outlined in detail under designated listings in later sections of this Bulletin.

The following are general requirements for all programs offered by the Medical College, and are in addition to specific requirements of individual programs.

**Application forms.** Submission of completed application forms by the deadline date specified by each academic program is required. No application will be considered if received or completed after the established deadline date. (See schedule, page 10.)

**Physical examination.** The applicant is required to pass a physical examination performed by a licensed physician. Forms for this examination will be sent to the applicant by the Registrar of the Medical College. The applicant must make necessary arrangements for the examination. When completed, the form should be mailed directly to the Registrar by the examining physician. Medical reports which do not conform to these regulations may not be accepted.

**Personal interviews.** Personal interviews with members of the faculty or with the Dean or Director of the various programs are required of the applicant. Further information regarding these interviews will be found under the individual program listings.

**Pre-entrance testing.** The Medical College Admission Test is required of all applicants to the School of Medicine. The Graduate Record Examination (aptitude and advanced test) is required of most applicants to the Graduate Division. The College Entrance Examination-Scholastic Aptitude Test is required of all applicants applying for programs which confer baccalaureate degrees. In addition, other pre-entrance and placement tests may be required by various departments and schools. Information concerning these tests is listed with each program's specific requirements for admission, if applicable.

**Academic Achievement.** Preference will be given the applicant who has demonstrated superior academic ability. The applicant must present evidence of graduation from an accredited high school or its equivalent. Preference will be given the applicant to undergraduate programs who has emphasized high school subjects in the sciences (mathematics, chemistry, physics, biology, zoology) and the liberal arts. The entering freshman must present credentials to indicate completion of the following minimum high school credits from an accredited high school:

	<i>Units</i>
English	4
Algebra	2
Sciences (general, biology, chemistry, physics)	2
Social studies (1 unit American history)	2
Other academic units	4
Unrestricted electives	2

**Transfer credit.** Courses and credits transferable to an undergraduate curriculum from other colleges or universities must have an over-all grade average acceptable to the Medical College. College credit will not be allowed for such courses as Remedial English, Remedial Mathematics, or other courses basically of secondary school level.

A transfer student may be allowed to transfer credits and hours in "D" grades not to exceed 20 per cent of all "C" or better grades, provided the overall grade average qualifies for acceptance.

A student transferring into professional curricula from non-collegiate institutions will be required to have professional course work validated by standardized examinations in order to gain advanced standing and receive college credit for such course work.

An applicant who wishes to transfer to the Medical College should have transcripts of all course work from all institutions submitted by Registrars at institutions formerly attended, and in accordance with instructions sent with application materials. Transcripts sent by a student, or unofficial transcripts (unsealed or unsigned) will not be accepted.

Correspondence courses are discouraged. Not more than one-fourth of the courses for degree requirements may consist of correspondence or extension courses.

## **APPLICATION PROCEDURE**

The following procedure applies to all prospective students who plan to enter any of the curricula offered by the Medical College of Georgia:

**Information and application materials.** Application forms, instructions and information are available on request from the Office of the Registrar, Medical College of Georgia, Augusta, Georgia 30902.

**Application deadlines.** The closing dates on which an application may be submitted to the Registrar for any of the Medical College's programs is given below. Registration dates are listed in the applicable calendars (pages 14, 29, 43.)

<i>Program</i>	<i>Application Completion Deadline</i>
School of Medicine	December 1, 1965
Graduate Division	21 days before registration
School of Nursing	21 days before registration
School of Medical Record Science	21 days before registration
School of Medical Illustration	January 31, 1966
School of Medical Technology	April 1, 1966
Traineeship in X-Ray Technology	May 15, 1966

**Acceptance.** Individual applications are given a careful and thorough review by an appropriate Admissions Committee, composed of members of the faculty. Acceptance is based on a majority decision of the Committee. Acceptance letters are sent by the Department of Student Affairs or the Registrar.

**Application deposits.** Application for admission to a graduate or undergraduate curricula must be accompanied by a deposit of \$25.00 which is credited to the matriculation fee if the student is accepted. In addition, a woman applicant wishing to reside in the college dormitory is required to deposit a \$15.00 room reservation fee. The deposit is refundable only if the applicant is not accepted or if the student withdraws his application prior to the application deadline. The deposits do not apply to the School of Medicine.

**Readmission.** A former student of any curricula offered by the Medical College who has been absent from the campus and has not registered for the preceding academic quarter, or longer, is required to submit a letter of application requesting readmission. The letter should be sent directly to the Registrar by the applica-



tion deadline, indicating the program and quarter for which the applicant is requesting readmission. Students not registered during the Summer quarter are exempt from this requirement if they attended the preceding Spring quarter.

## ACADEMIC REGULATIONS

**Units of credit.** The unit of credit is the quarter hour. A quarter hour equals one hour of class work per week for one quarter, or its equivalent in other forms of instruction.

**Classification of students.** In the School of Medicine a student will be classified as freshman, sophomore, junior or senior, according to policies determined by the Promotions Boards of the School of Medicine.

In the undergraduate programs, a student will be classified according to the number of academic quarter hours completed, either in residence or by transfer. A student who has completed less than 37 hours of work will be classified as a freshman; completion of at least 37 hours but less than 85 hours will earn classification as a sophomore; completion of at least 86 but less than 131 hours merits classification as a junior; and completion of 131 hours or more earns classification as a senior.

Students in the Graduate Division will be classified as outlined on page 31.

The classification under which a student registers at the beginning of the academic year will continue throughout the year.

**Grading system.** Two grading systems are used by the Medical College of Georgia, one by the School of Medicine and the Graduate Division, and the other by the various undergraduate programs.

Grades for the School of Medicine and the Graduate Division are recorded in

A student who withdraws while being administratively held, or without necessary approvals, will be assigned the grade "0".

Grades for the undergraduate programs will be recorded as follows:

<i>Grade</i>	<i>Description</i>	<i>Quality Points</i>
A+	Exceptional	4.5
A	Excellent	4.0
B+	Very good	3.5
B	Good	3.0
C+	Average	2.5
C	Fair	2.0
D+	Poor	1.5
D	Very poor	1.0
F	Failure	0.
WF	Withdrew failing	0.
WP	Withdrew passing	Not computed
I	Incomplete	Not computed
AU	Auditor	Not computed

**General education courses for undergraduate students.** The Medical College of Georgia is a state-aided unit of the University System of Georgia. Being a professional education institution, the college does not maintain faculty for teaching general education courses in the liberal arts and sciences. Other accredited institutions of the University System, also located in Augusta, have been designated to assume the responsibility for offering general education courses for all baccalaureate students registered at the Medical College. Credits and grades for such courses are accepted by the Medical College directly from these institutions as though the



courses were taught on the medical campus, provided the student is registered at this institution while taking the courses.

Lower Division general education courses numbered 10 through 399 are offered by Augusta College. These courses will be recorded on transcripts issued by the Medical College with the code designation of "AC" indicated.

Upper Division general education courses numbered 300 to 599 are offered by the Augusta Extension, University of Georgia. These will be recorded on transcripts issued by the Medical College with the code designation "UGA" indicated.

An off-campus center of the Medical College of Georgia School of Nursing, with resident faculty, is located in Atlanta on the Georgia State College campus. Residence credit courses are accepted directly from Georgia State College in the same manner described above for general education courses. Such courses will be recorded on transcript issued by the Medical College with the code designation "GSC".

Courses offered by the Medical College will be designated "MCG".

**Registration.** Registration must be completed on the dates outlined in the academic calendar. The procedure for registration will be outlined for the accepted applicant by the Registrar on the registration dates indicated.

The academic program of each student is planned in consultation with his academic advisor or major professor.

A student may not attend classes in a course for which he is not officially registered. Auditors may attend courses with the consent of the instructor, but no academic credit will be allowed. Auditors are subject to the same fees as regular students, and must register for courses in the same manner as all other students.

appropriate grade by the instructor.

**Withdrawal from the Medical College.** No student may officially withdraw from the Medical College unless with the consent of the Dean or Director of the School, the Director of Student Affairs, the Comptroller, and the Registrar. A student who wishes to withdraw must report to the Registrar to obtain and complete the Withdrawal Form. The official records of a student who does not officially withdraw from the institution will not be released until the appropriate withdrawal procedures have been completed.

**Course numbering system.** The Medical College of Georgia offers courses numbered 100 to 299 to students in the Junior Division of undergraduate schools, and courses numbered 300 to 499 to students in the Senior Division of undergraduate schools.

In the Graduate Division courses are numbered from 600 to 999. Certain courses are offered to Undergraduate, Graduate and Professional students jointly. Such courses are numbered appropriately for each class and degree program.

In the School of Medicine, first year courses are numbered 500 to 599; second year courses are numbered 600 to 699; third year from 700 to 799; and fourth year from 800 to 899.

## **REQUIREMENTS FOR GRADUATION**

Additional requirements for graduation are outlined in later sections of this Bulletin under the listings of the Medicine, Graduate Division and Undergraduate programs. The following however, apply to all baccalaureate programs offered by the Medical College of Georgia.

Transfer credit. A maximum of 95 academic quarter hours from a junior college, or 141 hours from a senior college or other educational institution, may be transferred into an undergraduate program.

Residence. The minimum residence requirement for a baccalaureate degree is 45 quarter hours. A minimum of 180 quarter hours is required for a baccalaureate degree.

Examinations on the history and constitutions of the United States and Georgia. Examinations on these subjects are required of all students unless exempted by presentation of course-work credit dealing with these constitutions and histories.

## **REQUIREMENTS FOR DEGREE**

The candidate for an undergraduate or graduate degree should consult with the Office of the Registrar and the Dean or Director of his school concerning completion of requirements for graduation. This should be done three quarters before the expected date of graduation. Students who fail to meet this requirement forfeit any equity in the adjustment of possible errors or omissions in their programs.

## **APPLICATION FOR GRADUATION**

Application for graduation must be made by each candidate on a form obtainable from the Office of the Registrar. The application form should be completed during the Winter registration period, but no later than the beginning of the Spring quarter. The candidate for a degree from the Medical College of Georgia must attend the Commencement exercise at which the degree is to be conferred, unless officially excused in writing by the Registrar.

# SCHOOL OF MEDICINE

## CALENDAR, 1965-1966

### First and Second Year Classes

August 25 .....	Final date for re-examinations or make-up work
September 2 .....	Freshman orientation
September 3 .....	Freshman registration
September 7 .....	Sophomore registration, 1st quarter
September 7 .....	Freshman classes begin
September 8 .....	Sophomore classes begin
November 25-28 .....	Thanksgiving holidays
December 23-January 2 .....	Christmas holidays
January 3 .....	Classes resume
January 5-7 .....	Registration, 2nd quarter
March 23-25 .....	Registration, 3rd quarter
March 29 .....	Student Research Day
April 10-17 .....	Spring holidays
May 24 .....	Classes end
May 25-27 .....	Final examinations

### Third and Fourth Year Classes

August 25 .....	Final date for re-examinations or make-up work
September 7 .....	Registration, 1st quarter
September 8 .....	Classes begin, 1st block
November 11 .....	Classes end, 1st block
November 12 .....	Classes begin, 2nd block
November 25 .....	Thanksgiving holiday
December 23-January 2 .....	Christmas holidays
January 3 .....	Classes resume
January 5-7 .....	Registration, 2nd quarter
January 19 .....	Classes end, 2nd block
January 20 .....	Classes begin, 3rd block
March 22 .....	Classes end, 3rd block
March 23 .....	Classes begin, 4th block
March 23-25 .....	Registration, 3rd quarter
March 29 .....	Student Research Day
May 24 .....	Classes end
May 25-27 .....	Final examinations
June 4 .....	Commencement

## **ADMISSION TO THE MEDICAL CURRICULUM**

The School of Medicine admits one hundred students to the first year class annually.

Admission policies as established by the Board of Regents of the University System of Georgia are the responsibility of the Admissions Committee, with consideration for the special requirements of the medical curriculum. The committee is responsible for the acceptance of all students entering the first, second or third year classes. Admission with advanced standing to the fourth year class is not permitted.

The applicant for admission to the School of Medicine is considered on the basis of academic qualifications, appraisals by college instructors and faculty interviewers, and scores on the Medical College Admission Test. Moral character, motivation, and an assessment of the applicant's ability to make the social and psychological adjustments for the successful study of medicine are evaluated by personal interviews. Interviews with faculty members are held by invitation of the Admissions Committee after a review of completed applications.

Information from personal references also is considered and welcomed. However, attempts to bring undue influence on the Admissions Committee on behalf of an applicant may seriously prejudice acceptance.

### **Irregular Students**

In special circumstances, faculty members holding doctorates in basic medical or biological sciences who wish to qualify for careers in full-time academic medicine or clinical research may enroll as irregular students.

In certain instances, a limited number of applicants holding doctoral degrees in dentistry who wish to further qualify themselves in the field of oral surgery may enroll as irregular students.

Requirements for admission in the above categories are available from the Office of the Registrar. Before final acceptance in each instance, applicants must obtain approval from the Dean for the proposed course of study.

The Medical College of Georgia assumes no responsibility for future curriculum changes which might alter such programs.

### **Admission with Advanced Standing**

Applicants in good standing in approved two-or four-year medical schools may be considered by the Admissions Committee for admission to the appropriate year of the curriculum. Details may be obtained from the Office of the Registrar.

## **REQUIREMENTS FOR ADMISSION**

**Medical College Admission Test.** An applicant is required to take this examination.

The test is given twice each year at most senior colleges. Information concerning it may be obtained from the premedical advisor in most colleges (or from the Psychological Corporation, 304 East 45th Street, New York).

**Physical Examination.** A satisfactory health report must be submitted. (See page 9.)

**Personal interviews.** These are required of all applicants who are accepted for admission. Interviews with faculty members are held by invitation of the Admissions Committee.

**Testing.** Additional examinations may be given the applicant at the time of the interviews.

**References.** An evaluation of the applicant is required from those persons whose names are submitted as references. In addition, an evaluation from the applicant's premedical advisor is required.

**State Medical Examiner certification.** Credentials of all accepted applicants must be approved by the State Medical Examiner (Ref. Medical Practice Act of Georgia 84-911). Application for approval is made by the Medical College of Georgia and the applicant is notified when the fee of \$2.00 is due.

**At least three years of work in an approved college.** The minimum requirement is 90 semester hours or 135 quarter hours. The three-year college course, in both quantity and quality, must be acceptable as the equivalent of the first three years leading to the degree of Bachelor of Science or Arts in an approved college of arts and sciences. Even though these requirements are met, preference still is given those students who have completed four years of college work.

Completion of the following college courses:

	Semester Hours	Quarter Hours
Chemistry ..... (inorganic, quantitative analysis, organic; including laboratory)	16	23
Biology ..... (general biology or equal hours of zoology or botany, laboratory required)	8	12
Physics ..... (mechanics, heat, light, sound, electricity; including laboratory)	8	12
English ..... (the introductory courses or their equivalent. Additional courses are recommended)	6	9
Other non-science subjects .....	12	18
Electives .....		

The student is urged to develop a strong background in the humanities and social sciences, and to consult with his pre-medical advisor as to the specific courses recommended. Elective courses may include a modern foreign language, psychology, mathematics (analytical geometry, calculus, etc.), economics, history, sociology, philosophy and political science. Electives should emphasize subjects other than those to be covered in the medical curriculum.

## APPLICATION PROCEDURE

Application forms with instructions for completing the admissions procedure may be obtained from the Office of the Registrar, Medical College of Georgia. Applications for the entering class of September, 1966, must be filed by December 1, 1965. No application will be accepted if received after that date. Early application is urged by the Admissions Committee.

When notified of acceptance the applicant is required to make a deposit of \$25.00 payable to the Medical College of Georgia, the sum to be applied toward payment of fees when the student enrolls. In the event of failure to accept a position in the class by January 15, 1966, or to enroll at the scheduled time, the deposit will be forfeited, except in the case of serious illness.

## DISCIPLINE AND GENERAL REGULATIONS

Student discipline at the Medical College of Georgia is the responsibility of the President and the Executive Committee. Students will be liable for disciplinary action should they fail to act in a manner of credit to themselves, the college, and the medical profession.

The Student-Faculty Council acts as an advisory board in student and faculty relations. The Council is composed of five faculty members and nine students. The basic science and clinical departments each are represented by at least two members of the faculty who are elected by the student body for three year terms. The Council may elect two additional faculty members for a period of one year to represent the Administration. The students are represented by the President of the Student Body and two members from each of the classes. Two student members are elected by the Second Year Class at the beginning of the academic year and serve until graduation. A chairman and a secretary are elected by the Council for terms of one year.

## HONOR SYSTEM

Every student at the Medical College of Georgia is expected to maintain a high degree of personal integrity and honor, not only during his years on the campus, but also throughout his practice as a physician. In recognition of this obligation, each student is required to subscribe to an honor code established by the students of previous years. An Honor Court composed of nine students is nominated by student officers and selected by the Dean at the beginning of each academic year to administer the Honor Code.

A student judged guilty of an Honor Code infraction may be directed by the Court to take oral examinations in all the courses of the respective school year. A second infraction will result in dismissal from the school.



## MEDICAL CURRICULUM

First year students participate in a series of orientation exercises prior to the beginning of classes (see Calendar, page 14). These activities are supervised by representatives of the Administration, Faculty, and Upper Classes.

The curriculum should not be considered as a series of isolated courses and subjects, but as an integrated, interrelated program of instruction in human biology, leading to the art and science of medicine.

First Year courses deal primarily with the normal structures and functions of the human body. The curriculum includes studies in gross anatomy, histology, embryology, neuroanatomy, human development, biochemistry, and physiology. Supervised laboratory work is supplemented by lectures and conferences which relate the clinical importance of the principles studied.

Courses of the Second Year introduce the students to causes and manifestations of abnormal function. The work includes microbiology, parasitology, pharmacology, and pathology. During this year, students get their first assignments in clinical medicine, receiving instruction in physical diagnosis, medicine, pediatrics, surgery, obstetrics, and psychiatry.

During the Third Year, the class is divided into small groups of students which are assigned in rotation to the Departments of Medicine, Surgery, Obstetrics, and Psychiatry and Neurology. Under supervision, the students examine patients, prepare case reports, make diagnoses, and outline indicated treatments. The clinical work is supplemented by lectures, conferences and demonstrations. Courses in physical medicine, radiology and endocrinology are included.

In the Fourth Year, students work extensively in the wards of hospitals and are given assignments in the outpatient departments. In small groups, they rotate through nine weeks each in the Departments of Medicine, Surgery and Pediatrics, and four-and-a-half weeks in Psychiatry and elective courses.

The work and courses of the various years are described in the separate departmental listings on the following pages.

### **Anatomy**

*Chairman:* GATZ

*Faculty:* ALLEN, BERNARD, BOWLES, MCKENZIE, NATHANIEL, WELLBAND, WILLIAMS

#### **ANM 511. Gross Anatomy. First year.**

The human body is dissected by students working in groups of four under the supervision of the faculty. Studies in topographical anatomy, providing the foundation for physical diagnosis, are integrated with dissection. The course includes correlated studies in radiological anatomy.

#### **ANM 512. Histology and Embryology. First year.**

The structure and function of cells, tissues and organs are studied. Human developmental anatomy as related to normal and anomalous structure also is presented.

#### **ANM 513. Neuroanatomy. First year.**

The structure and function of the human nervous system is studied. Laboratory work includes observations of prepared sections of the brain, brain stem and spinal cord, and the dissection of a brain.

#### **ANM 795, 895. Elective in Gross Anatomy.**

*Third and fourth years; credit to be arranged.*

Consists principally of the dissection of portions of human anatomy by students working under the supervision of the faculty.

### **Anesthesiology**

*Chairman:* VOLPITTO

*Faculty:* DEVORE, ENGINEER, GRAMLING, MITCHELL, SHEELY

*Clinical Faculty:* RUCKER, RUSHIA, WATERS, WILLIAMS, YARBROUGH

**ANS 646. Principles of Anesthesiology.** *Second year, second quarter; 13 hours.*

Principles of inhalation, regional, rectal and intravenous anesthesia. The pharmacology of drugs used, and cardiovascular and respiratory physiology as applied to anesthesia.

**ANS 647. Elective in Anesthesia.** *Second year, one afternoon per week throughout the school year.*

Arrangements may be made for students to participate in various departmental functions.

**ANS 751. Practical Anesthesiology.** *Third year, one fourth of class each quarter.*

A part of "surgical technique", given in conjunction with Clinical Surgery SUR 726.

**ANS 753. Elective in Anesthesiology.** *Third year, 4½ weeks.*

Students choosing this elective perform assignments under supervision of the faculty.

**ANS 872. Clinical Anesthesiology.** *Fourth year.*

Each student spends one week in the operating room and other areas involving anesthesiology.

**ANS 874. Elective in Anesthesiology.** *Fourth year, 4½ weeks.*

Closely supervised work and more practical advanced instruction in anesthesia administration and patient management.

**ANS 877. Anesthesia Conference.** *Fourth year.*

A weekly one-hour conference in the clinical surgery quarter.

## **Biochemistry**

*Chairman:* W. K. HALL

*Faculty:* BEHAL, BRIGGS, CORYELL, FERNANDEZ, HARMS, HOLCOMB, HORTON, HOWARD, HUISMAN, MCPHERSON, NELSON, SINGAL, SMITH, WYCOFF.

**BCH 524. Biochemistry.** *First year, 255 hours.*

A survey of the chemical composition and organization of cells and of metabolism and function. Lectures, conferences and laboratory assignments. Dr. Hall and staff.

**BCH 650. Biochemical Disorders in Disease.** *Second year, 52 hours.*

Dr. Huisman.

**BCH 653. Elective in Biochemistry.** *Third and fourth years.*

Interested students are encouraged to investigate new biochemical problems or to participate in research already in progress.

**BCH 812. Biochemical Disorders of Disease.** *Fourth year, 16 hours.*

A lecture course in applied clinical biochemistry. Dr. Huisman.

## **Endocrinology**

*Chairman:* GREENBLATT

*Faculty:* ELLEGOOD, MAHESH

*Clinical Faculty:* CLARK, JUNGCK

**END 732. Endocrinology.** *Third year, every nine weeks, 9 hours.*

Review of endocrine problems as related to obstetrics and gynecology.

**END 772. Endocrinology.** *Third year, second and third quarters, 16 hours.*

A lecture series concerning disorders and clinical management of the pituitary, adrenals, thyroid, parathyroids and gonads.

**END 815. Endocrine and Fertility Clinic.** *Fourth year, twice each quarter, 12 hours.*

The study and treatment of endocrine disorders with practical demonstrations in the management of infertility.

**END 816. Elective in Endocrinology.**

*Third and fourth years, twice each quarter, 120 hours.*

Arrangements may be made for students to observe and assist in the management of patients and perform laboratory procedures.

**END 817. Weekly Seminar.**

Discussions of problem cases, advances in steroid biochemistry, and progress reports on departmental research.

## ***History of Medicine***

**HMD 683. History of Medicine.** *Second year, 13 hours.*

Lectures on the history of the development of medicine with emphasis on trends and movements rather than a history of names and individuals.

## ***Internal Medicine***

*Chairman:* FINDLEY

*Faculty:* BAILEY, BROWN, CARTER, CHEW, EDMONDS, GARDNER, GREENBERG, HAMLIN, HOPKINS, HORTON, HUDSON, LIVINGSTON, MOORE, MOORES, PAYNE, RAINEY, WHITE, WITHAM, WRIGHT

*Clinical Faculty:* AGOSTAS, BATTEY, BAZEMORE, BLITCH, BOTNICK, BOWER, BROCATO, BYNE, CHRISTIE, CLARK, CLARY, CRANSTON, CUMMING, ERWIN, GRAY, HAIR, HAMES, HARPER, HESLIN, HOCK, KLEMMANN, KNIGHT, LEE, LEON-SOTOMAYOR, MARTIN, MAYFIELD, MEALING, MONTGOMERY, MORGAN, MURPHEY, PESKIN, PHINIZY, REEVES, SHIVER, SMITH, THOMAS, VAN GIESEN, VICTOR, WALDEN, WALTERS, ZERZAN.

**MED 712. Medicine.** *Third year, 9 weeks, 198 hours.*

Assignments to the wards of the Medical College hospitals. Students attend conferences and rounds, serve clinical clerkships performing complete studies on selected patients and following their progress during hospitalization, and attend General Medicine Clinic one day per week.

**MED 718. Elective in Medicine.** *Third year, 66 hours.*

Arrangements may be made for work in the following specialties: cardiology, cardio-renal research, chest diseases, allergy, hematology, gastroenterology and dermatology. Clinical preceptorships are open to junior students who have completed the medicine block, and may be served in Augusta or other areas of the state.

**MED 811. Medical Clinics.** *Fourth year, 116 hours.*

Attendance and participation in the following clinics: cardiology, chest, dermatology, gastroenterology, general medicine, hematology, hypersensitivity and rheumatology, hypertension, metabolism and renal.

**MED 814. Medical Externship.** *Fourth year, 210 hours.*

Work on the general medicine wards of the Medical College's teaching hospital where students are assigned to residents and act as interns. Attendance at General Medicine Clinic one afternoon weekly.

**MED 818. Elective in Medicine.** *Fourth year, 176 hours.*

Elective work may be undertaken in the following areas or specialties: allergy, cardiology, cardio-renal research, chest diseases, gastroenterology, dermatology, hematology, infectious diseases, medical clinics, metabolism, lipid metabolism, private medical service (University Hospital), and renal. Clinical preceptorships also are available in Augusta and other areas of the state.

## **Introduction to Medicine**

**IMD. 641. Introduction to Clinical Medicine.** *Second year, second and third quarters, 156 hours.*

Given jointly by the Departments of Medicine, Surgery, Pediatrics, Obstetrics and Gynecology, and Psychiatry. Orientation lectures and television demonstrations in the art of physical diagnosis. Lectures and demonstrations introducing basic medicine and surgery. Individual practical instruction in the art of diagnosis (history-taking and physical examination) utilizing hospitalized patients.

## **Legal Medicine**

**MJP 883. Medical Jurisprudence.** *Fourth year, 10 hours.*

A lecture course concerned with the relationship of medicine and medical practice and the law.

## **Medical Microbiology and Public Health**

*Chairman:* DIENST

*Faculty:* BANISTER, BEHAL, DENTON, GARDNER, ROESEL, VERMA

*Clinical Faculty:* DAVIS

**MPH 634. Medical Microbiology and Helminthology.** *Second year, 35 weeks, 280 hours.*

Principles of microbiology with emphasis on the organisms producing disease in man, and the mechanisms of infection and resistance. Studies of the methods for cultivation, isolation and identification of the commoner pathogenic microorganisms. Consideration given to public health aspects of infectious diseases.

## **Obstetrics and Gynecology**

*Chairman:* ZUSPAN

*Faculty:* BRYANS, MARTIN, NELSON, O'ROURKE, TALLEDO, TORPIN, WILDS, ZACHERT

*Clinical Faculty:* BARFIELD, BOYD, BURGAMY, ECHOLS, FAULKNER, GOLDBERG, HARRISON, JACKSON, NEAL, PERSALL, PRYOR, SCOGGINS, SHIRLEY, STORY, THURMOND, WATSON

**OBG 661. Introduction to Obstetrics and Gynecology.** *Second year, second and third quarters.*

Instruction in history-taking and physical diagnosis of the female patient. Lectures, demonstrations and supervised practice in the wards and examining rooms.

**OBG 662. Obstetrics.** *Second year, third and fourth quarters, 20 hours.*

Introduction to normal reproduction in the human female. Begins with survey of basic anatomy, physiology, biochemistry and endocrinology of reproduction. Reviews course of gestation from maternal, fetal and placental aspects. Introduces student to clinical management of normal pregnancy.

**OBG 715. Obstetrics and Gynecology.** *Third year, first quarter, 16 hours.*

Important aspects of clinical gynecology and abnormal obstetrics.

**OBG 716. Obstetrics and Gynecology.** *Third year.*

Assignments under supervision to gynecologic and obstetric patients. Students do complete histories and physical examinations, care for patients in labor and delivery, and participate in operative procedures. Introduction to programmed instruction. Other departments participating in clerkship instruction are Pathology, Endocrinology and Pediatrics.

**OBG 841. Obstetrics and Gynecology.** *Fourth year, 18 hours.*

Combined with Pediatrics **PED 841.** Correlation of obstetric care and newborn infant problems, and selected aspects in care of gynecologic patients.

**OBG 836. Elective in Obstetrics.** *Fourth year.*

## **Pathology**

*Chairman:* STODDARD

*Faculty:* CHANDLER, IGNACIO, D. NATHANIAL, E. NATHANIEL, NORDOY, OGDEN, PETERS, PUCHTLER, RICE, SHEPEARD, STERN, TEABEAUT, THORNTON

*Clinical Faculty:* HAND, HASTINGS, HOBBS, IHEN, MITCHENER, D. F. MULLINS, W. B. MULLINS, MURPHY

**PTH 622. General Pathology and Human Disease.** *Second year, first, second and third quarters, 363 hours.*

Part I: Introduction to general pathology. Part II: Case teaching of human disease in small seminar groups. Part III: Clinical pathology exercises. Students participate in current autopsies.

**PTH 623. Clinical Pathology Conference.** *Second, third and fourth years, each quarter, 33 hours.*

In cooperation with the clinical departments, conferences are held at which histories and physical examinations are analyzed and compared with pathological findings.

**PTH 767. Surgical Pathology.** *Third and fourth years, once weekly, 30 hours.*

## **Pediatrics**

*Chairman:* HOLMAN

*Faculty:* ANDERSON, DUNAWAY, FOLGER, HOLLOWELL, O'REAR, THORNTON

*Clinical Faculty:* BAILEY, BENNETT, ELLINGTON, GREEN, MASSENGALE, MCGAHEE, OWINGS, PURSLEY, THEVAOS, WATSON, WILKES

**PED 546. Human Development.** *First year, 48 hours*

Given jointly with Psychiatry **PSY 546**. A review of human development in the physical, emotional, social and cultural spheres.

**PED 715. Pediatrics.** *Third year, 34 hours.*

Combined with Obstetrics and Gynecology **OBG 715**. Small group discussions and whole class exercises concerning the care of normal and ill newborn infants.

**PED 717. Principles of Pediatrics.** *Third year, 15 hours.*

Conference-type discussions of patients, illustrating basic principles of pediatrics.

**PED 792. Elective in Pediatrics.** *Third year.*

**PED 841. Pediatrics.** *Fourth year, 425 hours.*

Students serve clinical clerkships on the pediatric wards of the Medical College hospital and University Hospital. They spend a period of observation at Gracewood State School and Hospital, and have an opportunity to serve in the offices of pediatric practitioners in a preceptorial relationship. Combined with Obstetrics and Gynecology **OBG 841**.

**PED 845. Elective in Pediatrics.** *Fourth year.*

## **Pharmacology**

*Chairman:* SUTHERLAND

*Faculty:* AHLQUIST, JERRAM, RILEY

**PHM 611. Pharmacology and Toxicology.** *Second year, first quarter, 158 hours.*

The study of drug actions and their mechanisms. Includes work in pharmacodynamics, pharmacotherapeutics, toxicology, posology and prescription writing. Opportunities are available for individual research projects.

## **Physiology**

*Chairman:* DOW



*Faculty:* BAKER, BOHLER, DAVIS, ELLISON, O'BRIEN, REMINGTON, WALLACE

**PHY 535. Physiology.** *First year, 280 hours.*

Introductory and applied physiology, with instruction in the theoretical and practical considerations of importance to the medical student.

**Psychiatry and Neurology**

*Chairman:* E. J. MCCRANIE

*Faculty:* BURROUGHS, COLLINGS, DEAN, DRENNEN, JOHNSTON, KEMBLE, LONGLEY, MARSHALL, NESJE, POSTON, SELL, SISSON, STEWART, WALKER, WIGGINS

*Clinical Faculty:* CLECKLEY, CRAIG, DUNN, HUTCHINSON, JOHNSON, M. L. MCCRANIE, McDONALD, MOSS, RICE, ROBISON, SIPPRELLE, SMITH, THIGPEN

**PSY 546. Psychiatry and Human Development.** *First year, 48 hours.*

Introduction to the relationship of physical, environmental and behavioral factors in the development of children and adults. Given jointly with Pediatrics **PED 546**.

**PSY 670. Introduction to Psychiatry.** *Second year, 36 hours.*

Studies of the psychodynamics of emotional illness. Discussions and demonstrations of the diagnostic syndromes.

**PSY 791. Clinical Clerkship.** *Third year, 4½ weeks.*

Closely supervised work with hospitalized psychiatric patients. Instruction and experience in interviewing, history taking and treatment methods.

**PSY 793. Elective in Psychiatry.** *Third year, 4½ weeks.*

**PSY 853. Clinical Clerkship.** *Fourth year, 4½ weeks.*

Clinical work with outpatients and consultations from other services with special emphasis on psychosomatic problems and child psychiatry. Combined with Neurology **NEU 853**.

**PSY 833. Elective in Psychiatry.**

**NEU 686. Neurology.** *Second year, 6 hours.*

Demonstrations of the techniques of neurologic examinations. Presentations of clinical samples of nervous system disorders.

**NEU 742. Neurology.** *Third year, 12 hours.*

Didactic presentations including clinical syndromes of disorders of the peripheral and central nervous system.

**NEU 743. Neurology.** *Third year, 8 hours.*

Supervised experience in neurologic examinations while in Psychiatry Clinical Clerkship.

**NEU 744. Elective in Neurology.** *Third year, 4½ weeks.*

**NEU 853. Neurology.** *Fourth year, 4½ weeks.*

Emphasis on individual student examinations, presentations and evaluations. Includes conferences in neuropathology, neuroradiology and neuro-ophthalmology. Combined with Psychiatry **PSY 853**.

**NEU 855. Elective in Neurology.** *Fourth year, 4½ weeks.*

**Radiology**

*Chairman:* M. BROWN

*Faculty:* ANTHONY, CLAY, DICK, HALL, POOL, REICHARD

*Clinical Faculty:* S. W. BROWN, HAMILTON, LEVY, ROBERTS

**RAD 561. Roentgen Anatomy.** *First year, 11 hours.*

Seminars correlated with Anatomy. Regional anatomy demonstrated with roentgenograms.

**RAD 761. Diagnostic Radiology.** *Third year, 8 hours.*

Basic principles with emphasis on the scope and limitations of x-ray diagnosis. Discussions from documented cases of the roentgen aspects of disease processes.

**RAD 762. Effects of Ionizing Radiations on Biological System.** *Third year, 2 hours.*

Introduction to radiobiology and radiation hazards and protection.

**RAD 763. Radiation Therapy and Radioisotopes.** *Third year, 8 hours.*

Survey of the use of the various forms of ionizing radiation in the treatment of disease processes.

**RAD 861. Roentgenological Demonstrations.** *Fourth year, 8 hours.*

Demonstrations of the techniques utilized by the various branches of radiology.

**RAD 862. Roentgenological Interpretation.** *Fourth year, 8 hours.*

Film analysis by individuals and small groups of students under the supervision of the faculty.

**RAD 863. Radiotherapy, Radioisotopes, Radiation Physics and Radiobiology.**

*Fourth year, 8 hours.*

Continuation of courses RAD 762, 763.

**RAD 764-864. Elective in Radiology.** *Third or fourth year.*

Assignments in the department under the supervision of the full-time faculty.

**RAD 765-865. Elective in Radiology.** *Third or fourth year.*

Preceptorship under members of the clinical faculty.

**RAD 766-866. Elective in Radiotherapy and Radioisotopes.** *Third or fourth year.*

By special arrangement with Dr. Dick.

**RAD 561-769-869. Elective in Radiobiology.** *Second, third or fourth year.*

By special arrangement with Dr. Reichard.

## **Surgery**

*Chairman:* MORETZ

*Faculty:* ALLEN, ANABTAWI, BLIVEN, BRACKNEY, CHAVEZ, EDMONDSON, L. T. ELLISON, R. G. ELLISON, ENGLER, FAIR, GUEST, HALL, HARKESS, HUMPHRIES, JENNINGS, MCPHERSON, PARRISH, RHODE, RINKER, STONE, THOMAS, VAUGHAN, WITHERINGTON, WRAY, YEH

*Clinical Faculty:* BAILEY, A. M. BATTEY, W. W. BATTEY, BELISLE, BOWEN, BRIDGES, CALDWELL, CARRINGTON, CARSWELL, CHANDLER, CORPE, DANIEL, EVERETT, FLANAGIN, FREEMAN, GALLOWAY, GOODWIN, HUMMEL, JONES, KAY, KELLY, LEE, LUCAS, MANGANIFLO, MATTHEWS, MCINNIS, MCKNIGHT, MCRAE, MULHERIN, NICHOLS, OWINGS, PERKINS, PINSON, RHODES, ROBERTSON, ROULE, SHEPHERD, SHERMAN, SULLIVAN, WHELCHER, C. A. WHITE, W. O. WHITE, WILLIAMS.

**SUR 721. Principles of Surgery.** *Third year.*

A series of lectures concerning pertinent areas in general surgery, neurosurgery, ophthalmology, orthopedics, otorhinolaryngology, thoracic surgery and urology.

**SUR 726. Clinical Surgery.** *Third year, one quarter.*

A basic course in which students are assigned to the Medical College's teaching hospital, and to either the University Hospital or the Veterans Administration Hospital. Students are assigned patients in general surgery and in thoracic surgery for

total patient care participation, including complete write-ups and participation in operative procedures. They take part in ward rounds, conferences, tumor conferences, journal club, seminars and informal discussions. Student activities involve both inpatients and outpatients. The course includes "Surgical Technique", an exercise in which students perform standard operations on anesthetized animals.

**SUR 821. Clinical Surgery.** *Fourth year, one quarter.*

Divided into two weeks on general surgery and one week each in neurosurgery, ophthalmology, orthopedics, thoracic surgery and urology, and Emergency Department (University Hospital). An additional period of this quarter is spent in the Department of Anesthesiology. During these periods very small groups of students (2 to 3) work closely with the house staff and faculty in all phases of the care of inpatients and outpatients of the various divisions of Surgery.

**SUR 824. Electives in General Surgery.** *Third and fourth years.*

1. Medical College teaching hospital (Eugene Talmadge Memorial Hospital). Time devoted to the general field or to a specific area desired by the student. Two students each period, under supervision of Dr. Moretz and staff.
2. Veterans Administration Hospital. Two students each period. Work on wards and in the operating room under the supervision of Dr. Jennings and staff.
3. Surgeons in private practice. One student each period may work with a surgeon in his private practice (office, operating room and hospital). With few exceptions the surgeon must be on the clinical faculty. Individual arrangements must be made through both Dr. Moretz and the clinical surgeon involved.
4. Experimental Surgery Laboratory. Available to two students each elective period. Each will work on a project either of his own choosing or one already in progress with a member of the surgery staff. This may be arranged with a staff member closely allied to the field in which the student wishes to work.

**SUR 825. Electives in Neurologic Surgery.** *Fourth year.*

One or two students may participate in all functions of the Division of Neurosurgery or, if preferred, they may work on a short experimental project in the Research Laboratory. Individual arrangements should be made with Dr. Marshall B. Allen.

**SUR 826. Electives in Ophthalmology.** *Fourth year.*

One or two students each four week period who participate in all the functions of the Division of Ophthalmology. Individual arrangements should be made with Dr. John R. Fair.

**SUR 827. Electives in Orthopedics.** *Fourth year.*

Two students each four week period. The program is organized individually to fit the student, or he may participate in the various functions of the Division of Orthopedics. Individual arrangements should be made with Dr. Floyd E. Bliven, Jr.

**SUR 828. Electives in Thoracic Surgery.** *Fourth year.*

One or two students each four week period who participate in the functions of the Division of Thoracic Surgery with Dr. Robert G. Ellison and staff.

**SUR 829. Electives in Urology.** *Fourth year.*

One or two students each four week period. The program is organized individually to fit the student. Dr. J. R. Rinker and staff.

## **Special Programs**

### **Cancer Teaching Program**

Committee: *H. J. Peters, H. S. Engler, C. S. Wright.*

A joint interdepartmental program for the teaching of the general problems of cancer in all its aspects is supported by the Cancer Teaching Grant of the National Institutes of Health. In addition to joint presentations of clinical problems by the faculty, the program supports visiting lecturers at intervals throughout the year.

### **Guest Lecturers**

Throughout the year, distinguished physicians and scientists from other schools

and from overseas visit the various departments of the Medical College of Georgia and participate in the departmental teaching programs.

Distinguished lecturers sponsored by the Professional Research Fund of the Medical Research Foundation of Georgia address the whole school each year.

In addition, the following special lectureships are held: (1) The Aaron Brown Memorial Lecture, sponsored by Phi Delta Epsilon Fraternity; (2) The Alpha Omega Alpha Lecture, sponsored by the honor fraternity; (3) The Sydenstricker Lecture, in honor of the late Dr. Virgil P. Sydenstricker, a distinguished member of the faculty for many years, sponsored by the Student American Medical Association.

### **Medical Education for National Defense**

Coordinator: *J. W. Harkess.*

The Medical College of Georgia participates in this program, which supports instruction in all aspects of health problems having to do with national defense and community disasters.

### **Research Fellowships**

The Medical College of Georgia has an extensive summer research fellowship program in which students work closely with faculty investigators on specific problems. The program is administered through the Office of the Associate Dean.

This is an elective, but important, component of the students' educational experience, allowing them to participate in research and to develop an understanding of the methods, philosophies and problems involved.

Each Spring, selected papers are presented at Student Research Day exercises. Prizes are awarded, and the best papers selected for presentation at national meetings.

## **SCHOLARSHIP AND PROMOTION**

Promotion of students from one class to the next is dependent upon the satisfactory completion of each year's work as determined by the college's Promotion Boards which meet at the end of the academic year. Promotions are considered on the basis of recommendations by individual instructors, on department evaluations, and on students' total records.

The Promotion Boards will determine whether a student may repeat courses or assigned work, may be re-examined in specified subjects, may be permitted to repeat the year, or may be required to withdraw from the study of medicine. Decisions of the Promotion Boards are final, subject to appeal as specified by the Board of Regents of the University System.

The faculty has the obligation and right to determine the methods of evaluation by performance or by examination, and to evaluate each student individually. Comprehensive oral examinations may be scheduled at the end of the second and fourth years at the discretion of the Faculty Advisory Committee.

## **REQUIREMENTS FOR GRADUATION**

Recommendations for graduation from the School of Medicine are made by the faculty as a whole.

The Medical College of Georgia awards the degree of Doctor of Medicine only to those candidates for graduation who are at least 21 years of age. The Promotion Board must be satisfied that the candidate acceptably has completed four years of medical study in accredited institutions, and that he will be a credit to the medical profession.

At least his final two years of study must have been at this school.

The college reserves the right to require one year of internship before awarding the degree of Doctor of Medicine to any student.

## **ALPHA OMEGA ALPHA**

A chapter of this honorary scholastic fraternity in medicine was established at the Medical College of Georgia in 1926. Each year, students of the Junior and Senior Classes are approved for membership by officers of the college, and elections are held by active members of the chapter.



## CLASS OF 1965

### As Juniors, 1963-1964

Luther Edward Brown  
Lamar Lafayette Fleming  
James Robert Hattaway  
William Singleton Ogden  
Jerry Lamont Sapp

### As Seniors, 1964-1965

Don Cassel Abbott  
Rebecca Davilene Carter  
Burford Wallace Culpepper  
Ronald Selman Gable  
Martha Summerour Knight  
Albert Grady LeRoy, Jr.  
George Thomas Miller, Jr.  
Harold Stephen Solomon  
Carl Lester Welch  
Charles Champion Wike

## CLASS OF 1966

### As Juniors, 1964-1965

James Carlton Brooks, Jr.  
Michael Nevins Laslie  
Curtis Swords Sims  
Marvin Eugene Skelton  
William Howard Whaley

## POSTDOCTORAL TRAINING PROGRAMS

The Medical College of Georgia has internship and residency programs which have been approved by the Council on Medical Education and Hospitals of the American Medical Association. The teaching hospital of the college (Eugene Talmadge Memorial Hospital) is the parent hospital for these programs, but integration and/or affiliation with the University Hospital, Augusta, Georgia, the Veterans Administration Hospital, Augusta, Georgia, Gracewood Hospital, Augusta, Georgia, Battey State Hospital, Rome, Georgia, and the Macon Hospital, Macon, Georgia, may be included. A brief outline of the various training programs is given below. Applicants seeking intern or residency training may apply either to the departmental chairman or to Dr. Rufus F. Payne, Superintendent, Eugene Talmadge Memorial Hospital.

**Anesthesiology.** Prerequisite: a minimum of one year internship. A two or three year residency training is offered, all in the teaching hospital. The two year program is basically clinical training in Anesthesiology. The three year program offers in addition a total of one year of variable time on electives such as cardiology, cardiopulmonary laboratory, pharmacology, physiology, anatomy, etc. If the resident desires, he may spend part or the entire year in research activities. *Dr. Perry P. Volpitta*

**Internal Medicine.** A straight medical internship which allows an elective period and emergency room experience is offered. There also is a three year residency program integrated with the University Hospital and the Veterans Administration Hospital. One year of internship is prerequisite to entering the residency. Fellowships are available in cardiology, cardiovascular research, hematology, infectious disease, metabolism, and other areas. Teaching rounds and conferences are held daily for house officers and students. *Dr. Thomas Findley.*

**Obstetrics and Gynecology.** A four year residency program is offered. Four residents are at each year of training and spend a minimum of three years (18 months in obstetrics and 18 months in gynecology) in the department with progressive responsibility each year that fulfills the requirements for Board eligibility. One year may be spent outside the department and might include three-month rotations through urology, endocrinology, medicine, general surgery, pathology, and research. The program is academically oriented and designed to prepare the resident for clinical practice. Residents are expected to participate in student teaching and assist on research projects. The residency program rotations include both the teaching hospital and the University Hospital. *Dr. Frederick P. Zuspan.*

**Pathology.** The training program offers one year of internship and five years of



residency. The resident physician participates in research, the student teaching program, and in the department's autopsy, surgical pathological and clinical pathological services. One to three years may be spent in full-time research. Three fellowships in pathology are supported by a research training grant from the National Institutes of Health. Places are available to persons preparing for academic pathology, the practice of pathology, and to those who may desire a year or more of training in pathology in preparation for another discipline. *Dr. Leland D. Stoddard.*

**Pediatrics.** A straight internship is offered. The residency program consists of two years, the second year being affiliated with the University Hospital. A third year residency is available if desired. One year of internship is a prerequisite. Fellowships for work or research in special areas may be arranged. *Dr. Gerald H. Holman.*

**Psychiatry and Neurology.** The Department has a fully approved three-year residency program in psychiatry. Detailed information about the program may be obtained on request. *Dr. E. James McCranie.*

**Radiology.** A three-year residency program is offered for which a year of internship is prerequisite. *Dr. Mark D. Brown.*

**Surgery.** Six mixed surgical internships are offered in the teaching hospital. Each intern may elect a schedule fitting his desires within limits: 6-8 months on surgery (which may include Emergency Department, and 1-2 months on a surgical sub-specialty); and a total of 4-6 months on medicine, pediatrics or pathology, or a combination of two of these.

#### **Residencies:**

*General Surgery.* An integrated program including the teaching hospital, University Hospital and the Veterans Administration Hospital. This program is 4, 4½ or 5 years in length, with prerequisite of one year internship. There is graduated responsibility with a wide range of patient problems. 10 to 12 first year residents, and 4 to 6 residents at each more advanced level. Not pyramidal. *Dr. William H. Moretz.*

*Neurosurgery.* A five-year program with prerequisite of one year internship and one year general surgery residency or one year straight surgical internship. 4 to 6 residents. Residents serve in the teaching hospital, University Hospital or Veterans Administration Hospital. *Dr. Marshall B. Allen.*

*Ophthalmology.* A three-year program with one year internship prerequisite. Serve primarily in the teaching hospital with additional duties in University Hospital clinic. *Dr. John R. Fair.*

*Orthopedic Surgery.* A three-year program. Prerequisites include a year of internship and one year of general surgery residency training. Primarily serve in the teaching hospital with some participation in University Hospital and Veterans Administration Hospital. Six residents, two at each residency level. *Dr. Floyd E. Bliven, Jr.*

*Thoracic Surgery.* A two or three year program. Prerequisites include internship and four years of general surgery residency (with chief residency). Primarily in teaching hospital with rotations through Battey State Hospital, Rome, Georgia, and Veterans Administration Hospital, Augusta, Georgia. Two to three residents. *Dr. Robert G. Ellison.*

*Urology.* A three-year program with prerequisites of one year internship and one year in a field basic to urology (usually a year in general surgery). Serve in the teaching hospital. Three to four residents. *Dr. J. Robert Rinker.*

## **CONTINUING EDUCATION**

Continuation study aimed at preserving and increasing professional competence, imparting new knowledge and skills, and renewing former ones, constitutes continuing medical education. Providing the environment and atmosphere for accomplishing this is the objective of the Medical College of Georgia program.

### **Organization of Courses**

**Symposia.** These one to three day courses are presented at the Medical College of Georgia on selected topics of interest to practicing physicians.

**Intermittent Courses.** These are offered in sessions lasting from one-half day to one day each week or each month during the school year.

**Special Technic Workshops.** Workshops in laboratory and diagnostic procedures offer enrollees an opportunity to acquire new skills.

**Clinical Traineeships.** Experience in wards or laboratories for periods of one week or longer is offered by special arrangement with the chairman of the department concerned, and with the Department of Continuing Education.

### **Program Announcements**

Announcements of the courses, giving details of the subjects, faculty, time, meeting place and fees, are mailed to physicians throughout the Southeast about eight weeks before the individual courses are scheduled to begin.

### **Credits**

Instruction presented by this department is not designed to give credit toward specialty qualification or academic degrees.

Attention is given to the requirements of the American Academy of General Practice, and participation in most courses offered by this department is acknowledged for credit by the Academy.

Requests for certification of attendance should be addressed to the Director, Department of Continuing Education.

### **Fees**

The enrollment fees for Continuing Education courses are based on guest faculty participation, hours of instruction, content materials and equipment required, and are listed for each course separately.

Residents, interns, medical students and Medical College of Georgia faculty may attend most courses without fees. Certain courses are restricted and have limited enrollment. Complimentary enrollment is granted to Georgia physicians and Medical College of Georgia alumni who are 75 years of age or older, or to those who have practiced medicine for more than 50 years.

# GRADUATE DIVISION

## ACADEMIC CALENDAR, 1965-1966

### Summer quarter, 1965

May 21 .....	Last day to complete Summer quarter applications
June 11 .....	Registration
June 14 .....	Classes begin
July 4-5 .....	Independence Day holiday
August 21 .....	Classes end

### Fall quarter, 1965

August 16 .....	Last day to complete Fall quarter applications*
September 6 .....	Registration for classes that begin September 7th*
September 7 .....	Classes begin*
September 20 .....	Registration for remaining graduate courses
September 21-22 .....	Schedule changes to be accomplished
September 23 .....	Regular Graduate Division classes begin
November 25-28 .....	Thanksgiving holidays
December 10 .....	Classes end
December 13-15 .....	Final examinations
December 15 .....	Quarter ends
December 16 - January 2 .....	Christmas holidays*

### Winter quarter, 1966

December 14 .....	Last day to complete Winter quarter applications
January 3 .....	Registration
January 4 .....	Classes begin
March 15 .....	Classes end
March 16-18 .....	Final examinations
March 18 .....	Quarter ends

### Spring quarter, 1966

February 28 .....	Last day to complete Spring quarter applications
March 21 .....	Registration
March 22 .....	Classes begin
April 10-17 .....	Spring holidays
May 6 .....	Last day for filing doctoral dissertations for 1966 graduates
May 13 .....	Last day for filing masters theses for 1966 graduates
May 31 .....	Classes end
June 1-3 .....	Final examinations
June 3 .....	Quarter ends
June 4 .....	Commencement

### Summer quarter, 1966

May 20 .....	Last day to complete Summer quarter applications
June 10 .....	Registration
June 13 .....	Classes begin

\*The final day for completing an application is 21 days prior to the date of registration; therefore, an applicant registering September 6 must complete application requirements earlier than those registering later in September. Also, note that graduate students registering for basic courses in anatomy, biochemistry, microbiology, pharmacology and physiology are taught in classes with medical students. Thus, for graduate students registering for these courses, dates for Fall registration and for Christmas holidays may differ from the dates set for graduate students not taking such courses. It will be noted that students taking these courses will register earlier and the Christmas holidays will start later.

## GENERAL INFORMATION

### Authorization to Grant Advanced Degrees

The Medical College of Georgia is authorized by the Board of Regents of the University System of Georgia to grant advanced degrees through its Graduate Division. Authorization to confer the Master's degree was received in 1951; authorization

to confer the Doctor of Philosophy degree dates from 1962. Administrative responsibility for the Graduate Division is assigned to the Graduate Director.

## **DEGREES**

### **Advanced General Degrees**

The Master of Science degree will be conferred on candidates who have met the requirements for this degree in the fields of Anatomy, Biochemistry, Endocrinology, Microbiology, Pharmacology and Physiology.

The Doctor of Philosophy degree will be conferred on candidates who have met the requirements for this degree in the fields of Anatomy, Biochemistry, Endocrinology, Microbiology, Pharmacology and Physiology. This degree will not be granted upon the completion of any definite amount of work prescribed in advance. Rather, it will be granted in recognition of proficiency in research, breadth and soundness of scholarship, and thorough acquaintance with a specific field of knowledge as determined by the Graduate Faculty. Evidence of attainment must be provided through presentation of an acceptable dissertation based upon independent research and through the passing of such written and oral examinations as may be prescribed.

### **Advanced Professional Degrees**

The Master of Science in Medical Illustration degree will be conferred on candidates who have met the requirements for this degree in the field of Medical Art and Illustration.

## **ADMISSION REQUIREMENTS**

In addition to general admission requirements listed on pages 9 and 10 of this Bulletin, the following are required of each applicant for admission to the Graduate Division of the Medical College of Georgia.

### **The Master of Science and Doctor of Philosophy degree programs:**

1. A bachelor's degree or its equivalent from an accredited college or university.
2. Adequate preparation in the field of proposed graduate study, as determined by the graduate faculty.
3. Rank in the upper half of class in undergraduate work.
4. Satisfactory Aptitude and Advanced Test scores on the Graduate Record Examination.
5. A satisfactory physical examination.
6. Recommended admission by the faculty of the prospective major department.

### **The Master of Science in Medical Illustration degree program:**

1. A Bachelor of Science in Medical Illustration degree awarded by the School of Medical Illustration of the Medical College of Georgia, or an equivalent degree, as determined by the Department of Medical Illustration.
2. Adequate preparation in the field of Medical Illustration.
3. A satisfactory admission examination.
4. A satisfactory physical examination.
5. Recommended admission by the faculty of the Department of Medical Illustration.

## **APPLICATION PROCEDURE**

The applicant is urged to complete his application, which consists of the items listed below, as early as possible, particularly if the applicant is seeking financial support. The following material should be sent directly to the Registrar, Medical College of Georgia, and must be received by the Registrar at least 21 days prior to the proposed registration date:

1. Three copies of the completed application forms.
2. Two official transcripts of all undergraduate and graduate courses taken by the applicant. Transcripts from each college or university are to be sent directly by the registrar of each institution attended.
3. Letters of recommendation from three college professors qualified to assess the applicant as a graduate student.
4. Report of scores on the Aptitude and Advanced Tests of the Graduate Record Examination (this is not required of applicants for study in Medical Illustration).



tion). The applicant should take the Graduate Record Examination so that scores may be received by the Registrar at least 21 days before the beginning of the term in which he wishes to enter the Graduate Division. Arrangements for taking the Graduate Record Examination may be made by the student through the school he is attending, or by writing directly to the Graduate Record Examination, Education Testing Service, Box 955, Princeton, New Jersey.

5. Two copies of the physical examination report. This examination may be made by any physician and should be reported on forms supplied by the Registrar.
6. The application deposit fee (see pages 7 and 10).

When all the above requirements have been met, the application will be evaluated by the Graduate Division and the prospective major department indicated by the applicant. Personal interviews may be required, and the applicant may be required to pass oral or written examinations in the field of preparation for graduate study. The Registrar of the Medical College will notify the applicant of action regarding acceptance into the Graduate Division.

## **REGISTRATION**

All students begin registration at the Graduate Division office. Prior to completion of registration at the Registrar's office, the academic program of the student is planned in consultation with the student's major professor or with the student's major department chairman before selection of a major professor. Changes in registration are recognized and valid only if they have been made with the consent of the major professor, the Graduate Director, and the Registrar.

Auditors may take graduate courses, but no academic credit is allowed. Auditors pay usual tuition and laboratory fees as described on pages 6 and 7.

## **TUITION AND FEES**

Information concerning tuition and other fees will be found on pages 6 and 7 of this Bulletin.

## **SCHOLASTIC REGULATIONS**

### **Classification of Graduate Students**

Students may be admitted to the Graduate Division under any one of the following classifications:

1. Prospective candidate for a degree. A student who qualifies for admission to full graduate standing as a prospective degree candidate and who may become a degree candidate upon the satisfactory completion of candidacy requirements.
2. Non-degree candidates. A student who meets the requirements for admission to graduate study and takes graduate courses without becoming a candidate for a degree at this school.
3. Unclassified post-graduate. A graduate of a non-accredited college conditionally admitted for graduate study, who later may be admitted to prospective candidacy on the basis of examinations and/or course work designed to indicate qualification for full graduate standing.

Only those students who are formally admitted to the Graduate Division will be eligible to register for graduate courses.

### **Examinations**

All students registered in the 600-700 courses shall take an examination at the end of the respective courses. Examinations in the 800 and 900 courses are given at the discretion of the instructor.

No re-examinations are allowed in the individual courses. Re-examination in the comprehensive, preliminary, or final oral examinations may be allowed if recommended by the majority of the examining committee and if the Graduate Director concurs.

### **Grades and Normal Work Load**

The grading system described on page 11 is used in the Graduate Division. All credit is expressed in quarter hours. The normal graduate work load is fifteen quarter hours per quarter. An academic year is composed of three quarters. Continuation



of study in the Graduate Division is contingent on the maintenance of a minimum overall weighted grade point average of 2.8. Only those courses for which a grade of 2 or better is received may be credited toward satisfaction of any degree requirement.

### **Graduate Credit**

Graduate students may receive credit:

1. For all graduate courses numbered 800-899 which are advanced courses.
2. For all courses numbered 900-930 which includes seminars (901, 902, 903), problems (921), and research (930) for thesis or dissertation.
3. For certain courses in the 600-700 group which serve as general courses and prerequisites for the other departmental graduate courses. Not more than one-third of the courses offered for the Doctor of Philosophy degree may be 600-700 courses, and not more than two-thirds of the courses offered for the Master of Science degree may be 600-700 courses, except as noted for the Master of Science (Plan B) degree.

In no instance may a graduate student apply toward a graduate degree course credit(s) previously used to fulfill requirements for a professional degree, i.e., M.D., D.D.S., D.V.M., or similar degrees.

### **Acceptance of Graduate Credit by Transfer**

At the discretion of the Graduate Director and the faculty of the major department, credit toward the Master's degree may be allowed for work taken at an accredited graduate school. The maximum transfer of credit toward a Master's degree is ten quarter hours. Such transfer of credit does not reduce the residence requirement for the Master's degree.

Credit toward the Doctor of Philosophy degree usually is not allowed for work taken at another graduate school, except in the case of a prospective Doctor of Philosophy candidate entering with a Master's degree from another institution. In such a case the candidate shall be examined on his major subject and on his thesis during the first quarter of residence if credit for any pertinent portion of the course work done for the Master's degree is to be applied to the Ph.D. Any transferred course work credit must be in the same field or in one closely related to that of the Doctor of Philosophy program. The maximum transfer of credit toward the Ph.D. degree is forty-five quarter hours. Such transfer of credit does not reduce the residence requirement for the Doctor of Philosophy degree.

### **Major Professor and Advisory Committee**

A member of the graduate faculty will be assigned to serve as major professor for each student applying for a Master's or a Doctor of Philosophy degree.

Each student applying for the Doctor of Philosophy degree also will have an Advisory Committee composed of the major professor and two other faculty members, whose function it will be to assist in planning the student's program of study.

The choice of the major professor is determined largely by the student's choice of proposed research. It is the student's responsibility to seek conferences with his major professor for the planning of course work, to keep the major professor informed of his research progress, and to secure supervision of the thesis or dissertation preparation.

The major professor will serve as chairman of a committee of the faculty that reviews the thesis or dissertation outline and the completed thesis or dissertation. This committee is known as the Thesis or Dissertation Committee, and is charged with the administration of the Final Oral Examination.

### **Residence and Time Limit**

The minimum residence requirement for all Master's degrees is one full academic year. All work credited toward a Master's degree must be completed within five consecutive calendar years.

The minimum requirement for the Doctor of Philosophy degree is three full academic years of study beyond the Bachelor's degree. It cannot be satisfied through summer work alone. At least three full consecutive quarters immediately prior to completion of degree requirements must be spent in residence on the campus. If the student has part-time duties (employment or a teaching assistantship), the residence requirement will be increased accordingly to provide the equivalent of three quarters of full-time study in residence. All course work and other requirements for the Doctor of Philosophy degree except the Final Oral Examination must be completed within six consecutive calendar years.

## **FELLOWSHIPS**

The fellowships and assistantships offered by the Graduate Division of the Medical College of Georgia are listed below. Further information concerning them is available from the Graduate Division office.

Graduate Fellowships. These carry a stipend of \$1800-\$2700 for the academic year and are awarded to outstanding students. Holders of these fellowships are required to enroll for full-time graduate work.

Graduate Teaching Assistantships. These carry a stipend of \$1800-\$2700 for the academic year plus certain other benefits, and require one-third to one-half of the student's time in laboratory preparation or instruction.

Graduate Research Assistantships. The stipend range is from \$1800-\$2700 for the academic year and certain other benefits. A minimum of one-third time in service is required.

National Science Foundation Fellowships. The Graduate Division of the Medical College of Georgia participates in the Cooperative Graduate Fellowships Program of the National Science Foundation. Information concerning NSF Cooperative Fellowships may be obtained from the Graduate Division Office.

## **DEGREE REQUIREMENTS**

### **Master of Science (Plan A)**

1. Completion of forty-five quarter hours of graduate study beyond the Bachelor's degree. A minimum of thirty quarter hours must be allocated to course work in or related to the major field.
2. A minimum of one full academic year in residence.
3. Admission to candidacy for the Master of Science degree. There is no commitment that courses will be credited toward a degree until the student is accepted as a candidate for a degree. Requirements for admission to candidacy must be completed at least two quarters before the proposed graduation date. The requirements for candidacy are:
  - a. Completion of all prerequisite courses.
  - b. The presentation of a program of study and an outline of the research proposed as a basis of a thesis, which has been approved by the major professor and the Thesis Committee, and accepted by the Graduate Director.
  - c. A demonstration of reading knowledge of one foreign language. French, German, English and Russian are recommended. Another language may be substituted if it has greater relevance to the candidate's program of study, but such substitution must be recommended by the major professor and approved by the Graduate Director. The native language of the prospective candidate may not be used to fulfill a language requirement.
4. Satisfactory performance on a comprehensive examination covering the major and minor fields of the student. This examination must be passed at least one quarter before the proposed date of graduation; it may be written, oral, or both.
5. Application for graduation. Each candidate for a graduate degree must apply for graduation and pay the appropriate diploma fee as required by the Registrar.
6. Submission of a thesis. Three reader's copies of the thesis must be submitted to the Graduate Division not later than three weeks before the degree is to be conferred. The thesis should follow the prescribed form and must have the approval of the major professor. Directions for preparation of the thesis are available in the Graduate Division office. The reader's copies of the thesis are then submitted to the members of the Thesis Committee who, after reading the thesis, will notify the Graduate Director whether they find it acceptable for the purpose of examining the student.
7. Satisfactory performance on the Final Oral Examination in which the student defends his thesis before the Thesis Committee. This examination is open to the public. After a successful examination, three copies of the final thesis must be deposited with the Graduate Division. Each copy must bear the approval signatures of the major professor (chairman of the Thesis Committee) and the Graduate Director.
8. Satisfactory completion of any required courses and fulfillment of any additional requirements of the student's major department.

### **Master of Science (Plan B)**

This degree is designed for those who have, or are in process of earning, a professional degree such as the M.D., D.D.S., or D.V.M.

1. Completion of forty-five quarter hours of graduate study beyond the Bachelor's degree. A minimum of fifteen quarter hours must be allocated to advanced course work (800 series) in or related to the major field. No course of the 600-700 series or an equivalent course, nor any course that the student used to satisfy any requirement for a professional degree or an equivalent course may be used to satisfy this requirement. Thirty quarter hours of the required forty-five are to be allocated to seminars (901, 902, 903), problems (921), and research (930) for the thesis.
2. Satisfactory compliance with the remaining requirements for this degree which are identical to requirements 2 through 8 inclusive for the Master of Science degree described above.

#### **Master of Science in Medical Illustration**

1. Completion of forty-five quarter hours of graduate study beyond the Bachelor's degree. A minimum of thirty quarter hours is to be allocated to course work in or related to the major field.
2. A minimum of one full academic year in residence.
3. Admission to candidacy for the Master of Science degree in Medical Illustration. There is no commitment that courses will be credited toward a degree until the student is accepted as a candidate for a degree. Requirements for admission to candidacy must be completed at least two quarters before the proposed graduation date. The requirements for candidacy are:
  - a. Completion of all prerequisite courses.
  - b. The presentation of a program of study and an outline of the work proposed as a basis for a thesis or graphic project, which has been approved by the major professor, the Thesis Committee, and accepted by the Graduate Director.
4. Application for graduation. Each candidate for a graduate degree must apply for graduation and pay the appropriate diploma fee. See page 7.
5. Submission of a thesis or graphic project. Three reader's copies of the thesis or graphic project must be submitted to the Graduate Division not later than three weeks before the proposed graduation date. The thesis or graphic project should follow the prescribed form and must have the approval of the major professor. Directions for preparation of the thesis or graphic project are available in the Graduate Division office. The reader's copies of the thesis or graphic project are then submitted to the members of the Thesis Committee who, after reading it, will notify the Graduate Director whether they find it acceptable for the purpose of examining the student.
6. Satisfactory performance on the Final Oral Examination, in which the student defends his thesis or graphic project before the Thesis Committee. This examination is open to the public. After a successful examination, three copies of the final thesis or graphic project must be deposited with the Graduate Division. Each copy must bear the approval signatures of the major professor (chairman of the Thesis Committee) and the Graduate Director.
7. Satisfactory completion of any required courses and fulfillment of any additional requirements of the student's major department.

#### **Doctor of Philosophy**

1. Completion of a minimum of three full years of graduate study beyond the Bachelor's degree. A minimum of ninety quarter hours must be allocated to course work in or related to the major field.
2. A minimum of three consecutive quarters of full-time study or the equivalent in residence on this campus.
3. Admission to candidacy for the Doctor of Philosophy degree. The student may take various graduate courses offered after admission to the graduate program, but there is no commitment that these courses will be credited toward a degree until the student is accepted as a candidate for a degree. Requirements for admission to candidacy must be completed at least three quarters before the proposed graduation date. Admission to candidacy is contingent upon the following requirements having been met:
  - a. Completion of all prerequisite courses.
  - b. The presentation of a program of study which has been approved by the major professor and the other members of the student's Advisory Committee, and accepted by the Graduate Director.
  - c. The presentation of a research plan proposed as the basis for a dissertation which has been approved by the major professor and the other members



- of the student's Dissertation Committee (the Advisory Committee plus two additional faculty members), and accepted by the Graduate Director.
- d. A demonstration of reading knowledge of two foreign languages. French, German, English and Russian are recommended. Another language may be substituted if it has greater relevance to the candidate's program of study, but such substitution must be recommended by the major professor and approved by the Graduate Director. The native language of the candidate may not be used to fulfill a language requirement.
  - e. Satisfactory performance on the written Preliminary Examinations over the major and minor fields. These should be taken as soon as (1) the student has had his program of study approved and has completed two-thirds of his course work; (2) received approval of his plan of research; (3) passed the language examinations. In the event of failure, the examination may be taken only once more after not less than six months of further work. These examinations are administered by a committee appointed by the Graduate Director.
4. Application for graduation. Each candidate for a graduate degree must apply for graduation and pay the appropriate diploma fee. See page 7.
  5. Submission of a dissertation. Each candidate must present a dissertation based on original investigation which gives evidence of independent thinking, scholarly ability, critical judgment, and indicates familiarity with research methods and techniques. Its conclusions must be logical, its literary form must be acceptable, and its contribution to knowledge should merit publication. Directions for preparation of the dissertation are available in the Graduate Division office. At least four weeks before the proposed date of graduation, three type-written copies of the completed dissertation must be submitted to the Graduate Division. The Dissertation Committee will read the dissertation and notify the Graduate Director whether they find it acceptable for the purpose of examining the student on the dissertation.
  6. Satisfactory performance on the Final Oral Examination. The Dissertation Committee conducts this examination, which is based primarily on the dissertation and the specific field of the program of study. It also is an examination to ascertain the student's mastery of his chosen discipline and thoroughness of acquaintance with the field of knowledge that constitutes his major subject. This examination is open to the public. After a successful Final Oral Examination, three final copies of the dissertation must be deposited with the Graduate Division. Each copy must bear the approval signatures of the major professor (chairman of the Dissertation Committee) and the Graduate Director.
  7. Satisfactory completion of any required courses and fulfillment of any additional requirements of the student's major department.

## **DEPARTMENTS AND COURSES**

### **Anatomy**

*Chairman:* GATZ

*Faculty:* ALLEN, BERNARD, BOWLES, MCKENZIE, NATHANIEL, WELLBAND

Recommended preparation: An undergraduate major in zoology or a major in chemistry or physics with a minor in zoology (at least three basic courses).

#### **ANM 701. Gross Anatomy. 10 hours.**

A lecture and laboratory course which requires participation in a satisfactory dissection of the human body. *Dr. Gatz and staff.*

#### **ANM 702. Histology and Embryology. 8 hours.**

A study of the fundamental tissues and the adult organs with relation to function and development. *Dr. Bowles and staff.*

#### **ANM 703. Neuroanatomy. 4 hours.**

A study of the gross and microscopic structure of the human nervous system and organs of special sense. *Dr. Bowles and staff.*

**ANM 801. Comparative Vertebrate Morphology. 4 hours.**

A course in which the systems of the vertebrate body are considered phylogenetically. Various representative vertebrate animals are dissected. *Dr. Bernard.*

**ANM 802. Comparative Vertebrate Histology. 4 hours.**

A comparative study of the vertebrate tissues and organs. *Dr. Gatz.*

**ANM 803. Animal Cytology. 4 hours.**

Physico-chemical study of protoplasm, cellular constituents, and their role in cell physiology. *Dr. Gatz.*

**ANM 804. Cytology and Cytogenetics. 4 hours.**

Methods and mechanics of cell division, structure and function of chromosome, nuclear, and chromosome chemistry, genes, chromosomal aberrations. *Dr. Gatz.*

**ANM 805. Endocrinology. 4 hours.**

Consideration of comparative vertebrate morphology, function, and interrelationships of the endocrine glands. Laboratory work includes a problem. *Dr. Gatz.*

**ANM 806. Microanatomic Technique. 3 hours.**

Basic principles and practices employed in the preparation of tissues for histological and histochemical examination. *Dr. Bernard.*

**ANM 807. Embryology. 4 hours.**

Fundamental principles of mammalian development. *Dr. Bowles.*

**ANM 808. Advanced Embryology. 4 hours.**

Detailed consideration of germ cell production and fertilization, implantation, sex determination, and an introduction to experimental and chemical embryology. Human embryological sections and dissections are used. *Dr. Bowles.*

**ANM 809. Fetal and Infant Anatomy. 4 hours.**

Dissection and study of the newborn. *Dr. Allen.*

**ANM 810. Analysis of Development. 2 hours.**

Seminar for the review and discussion of recent literature in morphogenesis designed to broaden the concept of problems in development and differentiation. *Staff.*

**ANM 811. Genetics. 3 hours.**

Demonstrations of the principles of human heredity. *Dr. Bragassa and staff.*

**ANM 812. Anatomy and Physiology of Nervous System. 4 hours.**

Gross and microscopic anatomy of the central and autonomic nervous system; consideration of current research and special equipment for physiological and anatomical investigation. *Staff.*

**ANM 816. Histochemistry. 3 hours.**

Presentations of the basic aims, principles and procedures of histochemistry. *Dr. Bernard.*

**ANM 901, 902, 903. Seminar in Anatomy. 1 hour each.**

*Staff.*

**ANM 921. Investigation of a Problem. Credit to be arranged.**

*Staff.*

**ANM 930. Research (for Thesis or Dissertation). Credit to be arranged.**

*Staff.*

## **Biochemistry**

*Chairman:* HALL

*Faculty:* BEHAL, FERNANDEZ, HARMS, HOLCOMB, HORTON, HOWARD, HUISMAN, MCPHERSON, SINGAL, WYCOFF



Recommended preparation: An undergraduate major in chemistry including inorganic and organic chemistry, quantitative analysis, three quarters of physical chemistry, three quarters of physics, differential and integral calculus, and basic courses in biology.

**BCH 610. Instrumentation. 3 hours.**

Practical application and simple theory of the pH meter, colorimeter, spectrophotometer (ultraviolet, visible and infrared), polarimeter, radioisotope equipment, microscope, and other optical and electronic instrumentation. *Staff.*

**BCH 701. General Biochemistry. 6 hours.**

A lecture course in general biochemistry covering the chemical composition and organization of the constituents of living matter, enzymes, and metabolism. *Dr. Singal and staff.*

**BCH 703. General Biochemistry Laboratory. 4 hours.**

Laboratory course in general biochemistry. *Staff.*

**BCH 812, 813, 814. Biochemical Methods. 3 hours, or hours of credit may be arranged.**

A course in countercurrent distribution, column chromatography, filter paper chromatography, zone electrophoresis, salt and solvent fractionation, radioisotope tracer techniques, and other special techniques. *Staff.*

**BCH 821. Chemistry and Metabolism of Carbohydrates. 3 hours.**

An advanced lecture course covering the metabolism of carbohydrates. **BCH 701** prerequisite. *Dr. Behal.*

**BCH 822. Chemistry and Metabolism of Lipids. 3 hours.**

An advanced lecture course covering the metabolism of lipids. **BCH 701** prerequisite. *Dr. Wycoff.*

**BCH 823. Chemistry and Metabolism of Proteins and Nucleic Acids. 5 hours.**

An advanced lecture course covering the metabolism of proteins and nucleic acids. **BCH 701** prerequisite. *Drs. Singal and Hall.*

**BCH 824. Enzymology. 3 hours.**

The properties of enzymes, kinetics, and mechanism of enzyme action. **BCH 701** prerequisite. *Dr. Behal.*

**BCH 825, 826. Clinical Biochemistry. 1 and 3 hours.**

The application of biochemistry to the investigation of metabolic and degenerative diseases in man. *Dr. Huisman.*

**BCH 830, 831, 832. Advanced Organic Chemistry. 3, 3 and 2 hours each respectively.**

Modern theories of organic chemistry with emphasis on reaction mechanisms of biochemical interest. *Dr. Howard.*

**BCH 833. Physical Methods of Structure Determination in Organic Chemistry. 2 hours.**

*Dr. Howard.*

**BCH 834. Advanced Organic Chemistry Laboratory. 2 hours.**

*Dr. Howard.*

**BCH 841, 842, 843. Physical Chemistry. 5 hours each.**

The principles of physical chemistry which are basic to biochemistry. *Dr. Fernandez.*

**BCH 851, 852, 853. Topics in Analytical Chemistry. 3 hours each.**

Basic principles of chemical separations and measurements of importance in biochemistry and clinical chemistry. *Dr. Holcomb.*

**BCH 901, 902, 903. Seminar in Biochemistry.** 1 hour each.

*Staff.*

**BCH 921. Investigation of a Problem.** Credit to be arranged.

*Staff.*

**BCH 930. Research (for Thesis or Dissertation).** Credit to be arranged.

*Staff.*

## **Endocrinology**

*Chairman:* GREENBLATT

*Faculty:* JUNGCK, MAHESH

Recommended preparation: Course work in inorganic, organic and physical chemistry, qualitative and quantitative analysis, and in biological sciences including such courses as physiology, anatomy, histology, embryology, zoology, etc.

**END 701. Biochemistry of Steroid Hormones.** 3 hours.

Studies of the secretion, biosynthesis, transport, metabolism and excretion of steroid hormones. *Staff.*

**END 702. Biochemistry of Non-Steroid Hormones.** 2 hours.

Studies of the hormones of the pancreas, and pituitary and thyroid glands. *Staff.*

**END 801. Clinical Endocrinology.** 2 hours.

Clinical survey of the functions of hypothalamus, pituitary, adrenals, gonads, thyroid and pancreas, and the diagnosis and treatment of endocrine disorders associated with these glands. *Staff.*

**END 802. Advanced Clinical Endocrinology.** 6 hours.

A continuation of **END 801** at an advanced level. Included is participation in the diagnosis, work-up, treatment and discussion of selected patients with various endocrine disorders. *Staff.*

**END 803. Endocrinology of Reproduction: the Pituitary-Ovarian Axis.** 3 hours.

A study of compounds that effect the inhibition or release of pituitary hormones, and factors that stimulate or inhibit ovulation. Laboratory and lecture exercises. *Staff.*

**END 804. Endocrinology of Reproduction: Uterine Motility.** 3 hours.

Studies on drugs that stimulate or inhibit uterine motility. Laboratory and lecture exercises. *Staff.*

**END 805. Endocrinology of Reproduction: The Ovaries.** 3 hours.

Factors that influence follicular stimulation and/or luteinization in the ovary. Laboratory and lecture exercises. *Staff.*

**END 806. Endocrinology of Reproduction: Reproductive Physiology of the Testis.** 3 hours.

Laboratory and lecture exercises. *Staff.*

**END 807. Clinical Aspects in Human Reproductive Physiology.** 5 hours.

The essentials in human reproduction and the application of present day knowledge in the promotion of fertility as well as fertility controls. *Staff.*

**END 810. Biochemical Methods in Endocrine Research.** 3 hours.

Work in specialized methods such as fractionation and individual estimation of steroids, determination of aldosterone, chromatography, and use of isotopes. *Staff.*

**END 811. Laboratory Procedures in Clinical Endocrinology.** 2 hours.

Studies and experience in the estimation of 17-ketosteroids, 17-ketogenic steroids, pregnandiol, urinary gonadotropins, PBI pregnancy tests, estrogens. *Staff.*

**END 901, 902, 903. Seminar in Endocrinology.** 1 hour each.

*Staff.*

**END 921. Investigation of a Problem.** *Credit to be arranged.*

*Staff.*

**END 930. Research (for Thesis or Dissertation).** *Credit to be arranged.*

*Staff.*

## **Medical Illustration**

*Chairman:* PARKES

*Faculty:* GARLINGTON, LANIER, STODDARD

Recommended preparation: See the requirements for admission to the graduate program in Medical Illustration.

**MIL 801. Advanced techniques of Medical Illustration.** *10 hours.*

Advanced training in the techniques and mediums of the medical illustrator in depicting major operative procedures, endoscopic examinations and ophthalmological conditions and procedures. *Mr. Parkes and staff.*

**MIL 802. Departmental Development and Administration.** *1 hour.*

Instruction is given in how to institute or develop a department of medical illustration, the photographic and art materials and equipment necessary in such departments, recommended types of clerical forms and records and departmental responsibilities and the general administration of a department. *Mr. Parkes and staff.*

**MIL 803. Interpretive and Reconstructive Drawing.** *2 hours.*

This course correlates the study of pathology and art in the drawing of autopsy and fixed specimens and the reconstructive drawing of specimens as they appeared during life. The diagrammatic representation of conditions of organs and the physiological effect on other organs as a contributing factor in death is depicted in such drawings. *Mr. Parkes and staff.*

**MIL 804. Scientific Exhibit Production.** *1 hour.*

The methods of planning a scientific exhibit from the first discussions with an exhibitor to the final presentation is covered. This involves a scale drawing or make-up of the exhibit as well as discussion of various types of cabinet work, lettering, and back-lighting of transparent materials.

**MIL 801, I, II. Pathology—General Pathology.** *16 hours.*

The basic principles of pathology and the important general and systemic manifestations of disease. *Dr. Stoddard and staff.*

**MIL 812. Clinical Pathological Conference.** *No credit.*

Gross and microscopic pathological findings are used in the evaluation and analysis of case histories of individual patients. *Dr. Stoddard and staff.*

**MIL 928. Medical Illustration—Graphic Project.** *15 hours.*

The presentation in exhibit form of a collection of drawings of operative studies and clinical procedures. *Mr. Parkes and staff.*

**MIL 930. Medical Illustration—Thesis.** *15 hours.*

A written and illustrated thesis may be substituted for **MIL 928** should the candidate for a degree so desire.

## **Medical Microbiology and Public Health**

*Chairman:* DIENST

*Faculty:* BANISTER, BEHAL, CHEW, DENTON, DAVIS, GARDNER, LEFKOWITZ, ROESEL, VERMA, WHITE

Recommended preparation: Adequate background in biology and chemistry, usually an undergraduate major in biology and a minor in chemistry, or major in chemistry with a minor in biology.

**MPH 701. General Microbiology: Bacteria and Immunity. 5 hours.**

Principles of microbiology with emphasis on the pathogenic bacteria, and the mechanisms of infection and resistance. Properties of the commoner pathogenic bacteria and methods for cultivation, isolation and identification. *Dr. Dienst and staff.*

**MPH 702. General Microbiology: Viruses, Rickettsiae and Fungi. 5 hours.**

Principles of microbiology with emphasis on the pathogenic viruses, rickettsiae and fungi. Properties of the commoner organisms of this type and methods for cultivation, isolation, and identification. *Dr. Dienst and staff.*

**MPH 703. Parasitology. 3 hours.**

Studies of the animal parasites of man and their mode of transmission. *Dr. Denton.*

**MPH 801. Immunology. 5 hours.**

Biological, physical and chemical properties of antigens and antibodies; mechanisms of precipitation and agglutination reactions, cytotoxic reactions mediated by antibody and complement; mechanisms of antibody formation; nature and mechanisms of hypersensitivity reaction and immunology and chemistry of blood group substance. *MPH 701 prerequisite. Drs. Gardner and Roesel.*

**MPH 802. Bacterial Genetics. 2 hours.**

A consideration of nucleic acid metabolism and heredity in microorganisms including conjugation, transduction and transformation. *Drs. Roesel and Behal.*

**MPH 803. Advanced Virology. 3 hours.**

Studies of animal viruses, and newer techniques for cell culture and identification. *MPH 701-702 prerequisite. Dr. Roesel.*

**MPH 804. Advanced Mycology. 3 hours.**

Lectures and experimental studies of fungi pathogenic for man. *MPH 701-702 prerequisite. Dr. Denton.*

**MPH 805. Immuno-chemistry. 3 hours.**

Advanced immunology with emphasis on the clinical aspects. *MPH 801 prerequisite. Dr. Gardner.*

**MPH 806. Bacterial Physiology. 3 hours.**

Intermediary metabolism peculiar to microorganisms and its relationship to the effect of the chemical environment on the growth and death of microorganisms. *MPH 701-702 prerequisite. Dr. Behal.*

**MPH 807. Epidemiology. 3 hours.**

Principles and methods of epidemiology investigation. Studies of the distribution and dynamic behavior of disease in the population including etiologic factors and modes of transmission and pathogenesis. *MPH 701-702 prerequisite. Dr. Verma.*

**MPH 808. Cell and Tissue Culture. 5 hours.**

Principles and techniques of cell and tissue culture. Emphasis on tissue culture techniques used in the study of viruses, bacteria, and immunologic problems. *Dr. Roesel.*

**MPH 809. Application of Specialized Equipment to Microbiological Research. 2 hours.**

*Dr. Banister.*

**MPH 810. Hematology. 3 hours.**

A consideration of fundamental hematologic concepts and practical laboratory procedures. *Dr. Gardner.*

**MPH 811. General Pathology. 3 hours.**

The course is intended to present the most important areas of general pathology to investigators in the biological field who do not have a medical background and wish to become acquainted with basic mechanisms of disease at the level of cells

and tissues. *Staff.*

**MPH 812. Host-Parasite Relationship. 3 hours.**

This will be a series of lectures and seminars on the biochemical and immunological relationships between infectious agents and their hosts. *Dr. White.*

**MPH 813. Medical Entomology. 2 hours.**

Study of arthropods of medical importance with emphasis on the epidemiology of the arthropod-borne diseases. *Dr. Denton.*

**MPH 814. Sanitary Bacteriology. 3 hours.**

MPH 701-702 prerequisite. *Dr. Dienst.*

**MPH 815. Community Health. 3 hours.**

Includes personal, institutional, community and industrial hygiene. Field trips and conferences to support community health studies. *Drs. Dienst and Verma.*

**MPH 901, 902, 903. Seminar in Microbiology. 1 hour each.**

*Staff.*

**MPH 921. Investigation of a Problem. Credit to be arranged.**

*Staff.*

**MPH 930. Research (for Thesis or Dissertation). Credit to be arranged.**

*Staff.*

## **Pharmacology**

*Chairman: SUTHERLAND*

*Faculty: AHLQUIST, JERRAM, RILEY*

Recommended preparation: Major training in at least one of the following fields: zoology, anatomy, microbiology, physiology, biochemistry, botany, mathematics and electronics. Courses in several of the fields other than the major field are desirable.

**PHM 701. General Pharmacology and Toxicology. 10 hours.**

Studies in pharmacodynamics, pharmacotherapeutics, toxicology, posology and prescription writing. *Dr. Sutherland and staff.*

**PHM 801. Biochemical Aspects of the Mechanisms of Action of Drugs. 3 hours.**

Biochemical aspects of the actions of chemical agents on living materials.

**PHM 802. Special Methods in Pharmacological Research. 3 hours.**

Physiological and biochemical methods employed in pharmacological investigations.

**PHM 803. Neuropharmacology. 2 hours.**

Selected topics related to the action of chemical agents on the nervous system.

**PHM 804. Advanced Pharmacology. 2 hours.**

Research objectives in pharmacology. Current concepts and trends in pharmacological research.

**PHM 805. Pharmacotherapeutics. 2 hours.**

Basic pharmacological principles in the use of drugs in therapy.

**PHM 901, 902, 903. Seminar in Pharmacology. 1 hour each.**

*Staff.*

**PHM 921. Investigation of a Problem. Credit to be arranged.**

*Staff.*

**PHM 930. Research (for Thesis or Dissertation). Credit to be arranged.**

*Staff.*



## **Physiology**

*Chairman: Dow*

*Faculty: BAKER, BOHLER, DAVIS, ELLISON, O'BRIEN, REICHARD, REMINGTON, WALLACE*

Recommended preparation: Chemistry, through organic and quantitative analysis; an introductory course in zoology; one course each in comparative anatomy and embryology; a full year in physics and mathematics through differential and integral calculus.

### **PHY 701, 702. Human Physiology. 12 hours total.**

Introductory and applied human physiology. This course is a prerequisite for the advanced physiology courses. *Dr. Dow and staff.*

### **PHY 801. Introductory Biophysics. 3 hours.**

*Staff.*

### **PHY 802. Cardiodynamics and Hemodynamics. 3 hours.**

A study of the circulation with emphasis on pressure and flow relations in the heart, large veins and major arteries. *Dr. Dow and staff.*

### **PHY 803. Peripheral Circulation. 3 hours.**

A study of the architecture and hemodynamics of the peripheral vasculature. *Dr. Davis.*

### **PHY 804. Muscle Physiology. 3 hours.**

General characteristics of muscle action and differences between the three types of muscle. *Dr. Remington.*

### **PHY 805. Blood Flow Regulation. 3 hours.**

A study of the determinants affecting cardiac output and peripheral flow, with consideration of the techniques for measuring the flow. *Dr. Dow.*

### **PHY 806. Respiration. 3 hours.**

The mechanics and regulation of human respiration with consideration of practical techniques for the measurement of ventilation. *Dr. Ellison.*

### **PHY 807. Body Fluids. 3 hours.**

The factors governing the distribution of body water, with consideration of the techniques for measuring the size of the individual compartments. *Dr. Baker.*

### **PHY 808. The Experimental Animal. 3 hours.**

A consideration of the recognition of animal pathology, and the proper selection and care of experimental animals. *Dr. Wallace.*

### **PHY 809. Neurophysiology. 3 hours.**

A consideration of the physiology of the central nervous system in quadrupeds and man. *Dr. Dow.*

### **PHY 815. Radioisotopes in Biological Research. 3 hours.**

The theory, utility and methodology for the use of isotopes in biological research. Although this course is listed under Physiology, it may also be considered a Biochemistry course for students in that department. *Staff.*

### **PHY 901, 902, 903. Seminar in Physiology. 1 hour each.**

*Staff.*

### **PHY 921. Investigation of a Problem. Credit to be arranged.**

*Staff.*

### **PHY 930. Research (for Thesis or Dissertation). Credit to be arranged.**

*Staff.*

## **Statistics**

*Computer Center Director and Instructor of Statistics and Genetics: BRAGASSA*

### **STA 801. Statistics. 5 hours.**

The fundamentals of statistics including such concepts as probability, frequency distribution, tests of significance, randomization, chi square analysis, correlation and regression, and analysis of variation. *Dr. Bragassa.*

# UNDERGRADUATE DIVISION

## ACADEMIC CALENDAR, 1965-1966

### Summer quarter, 1965

May 21 .....	Last day to complete Summer quarter applications
June 10 .....	New students report to dormitory
June 11 .....	Registration
June 12-14 .....	Schedule changes to be accomplished
June 14 .....	Classes begin
July 5 .....	Independence Day holiday
July 24 .....	Classes end
July 26-29 .....	Examinations
July 29 .....	Quarter ends

### Fall quarter, 1965

August 31 .....	Last day to complete Fall quarter applications
September 10 .....	Medical Illustration students report to campus
September 10 .....	Registration for Medical Illustration students
September 13 .....	Medical Illustration classes begin
September 17 .....	New students report to dormitory
September 17 .....	Orientation program begins
September 20 .....	Registration
September 21-23 .....	Schedule changes to be accomplished
September 23 .....	Classes begin
November 25-28 .....	Thanksgiving holidays
December 10 .....	Classes end
December 13-15 .....	Examinations
December 15 .....	Quarter ends
December 16 - January 2 .....	Christmas holidays

### Winter quarter, 1966

December 14 .....	Last day to complete Winter quarter applications
January 2 .....	New students report to dormitory
January 3 .....	Registration
January 4-6 .....	Schedule changes to be accomplished
January 4 .....	Classes begin
March 11 .....	Classes end
March 14-16 .....	Examinations
March 16 .....	Quarter ends
March 17-21 .....	Spring holidays

### Spring quarter, 1966

March 2 .....	Last day to complete Spring quarter applications
March 21 .....	New students report to dormitory
March 22 .....	Registration
March 23-25 .....	Schedule changes to be accomplished
May 31 .....	Classes end
June 1-3 .....	Examinations
June 3 .....	Quarter ends
June 4 .....	Commencement

### Summer quarter, 1966

May 20 .....	Last day to complete Summer quarter applications
June 10 .....	Registration
June 13 .....	Classes begin

# MEDICAL ILLUSTRATION

The Medical College of Georgia provides facilities for the teaching of both undergraduate and graduate courses in Medical Illustration. Students who fulfill the prerequisite requirements for this course of study are given instruction in the materials and techniques of medical illustration, and also are enrolled in appropriate pre-clinical courses with medical students where comparable grades are required.

Emphasis is placed on the development of proficiency in depicting operative and clinical procedures, the statistical results of research, and the illustration of books and manuscripts. Of similar importance is the modeling and casting of three-dimensional anatomical models and facial prosthetics, and the design and production of medical exhibits.

Stress is given to the acquisition of basic medical knowledge and the means by which scientific information may be converted into illustrations which are clear, concise, accurate and aesthetic.

## NATURE OF THE PROFESSION

Modern medicine is making increased use of the artist's talents to reach broad and varied groups through publications, television, lectures and exhibits. To meet the exacting requirements of each communication method, the medical illustrator chooses from such media as drawing, painting, sculpture or photography, in which his renditions may be realistic or diagrammatic.

Some illustrators specialize in a single medium; others use several. Sometimes illustrators focus their interest within one of the medical specialties. Occasionally the artist works as a member of a research team, not only to provide illustrations, but to assist with the research problem. Often the illustrator's skills are used for making artificial body parts (prosthetics) such as eyes, hands and ears where cosmetic or functional improvement is desired.

## FACULTY AND STAFF

*Director:* PARKES

*Faculty:* BOWLES, BRAGASSA, GARLINGTON, GATZ, LANIER, MORETZ, SHEPEARD, SISSON

## ADMISSION INFORMATION AND REQUIREMENTS

General undergraduate admission requirements and procedure are listed on pages 9 and 10. Only those requirements peculiar to the program in Medical Illustration are listed here.

The Medical College of Georgia observes the accrediting policies of the Association of Medical Illustrators. Admission requires "a high degree of artistic ability in fine and applied arts and competence which has been developed through training, with additional broad training in the arts, humanities and biological sciences".

Applicants are considered on the basis of their academic qualifications, appraisals from college instructors, and evidence of art ability as demonstrated by submitted drawings. Other requirements:

1. A personal interview at the discretion of the department director.
2. Transcripts of the first two years of college work, indicating acceptable coverage of certain subjects as suggested below.

Science ..... 30 hours

(Introductory biology, elementary and applied human physiology, comparative anatomy of vertebrates, vertebrate embryology and histology)

Liberal Arts ..... 20 hours

(English, foreign language, mathematics, sociology, psychology, philosophy)

Art ..... 40 hours

(Art fundamentals, freehand drawing, perspective, figure drawing, layout and lettering, oil painting, wash drawing, art anatomy, sculpture, design)

The subjects in each of the three categories may not be obtained at all colleges, and the subjects suggested are too numerous to be adequately covered in two years.

They are listed simply to give the student an idea of subjects which could comprise a pre-medical illustration curriculum.

## FEES AND EXPENSES

General information concerning fees is given on pages 6 and 7. Estimated costs specifically applicable to this program (books, art supplies, etc.) are: \$100.00 for the first year; \$50.00 for the second year; \$125.00 for the third year.

## CURRICULUM

The curriculum consists of two parts. The first is two years of undergraduate subjects, comparable to the junior and senior years in an undergraduate college. Successful completion of the prerequisite curriculum as outlined above, and of the third and fourth years on the Medical College campus, results in the award of the degree of Bachelor of Science in Medical Illustration. The student then may request enrollment in the Graduate Division for a year of additional study leading to the degree of Master of Science in Medical Illustration.

Applicants who already have completed four years of college and who have received a baccalaureate degree will be enrolled in the same program outlined below as undergraduate student candidates for the Bachelor of Science degree in Medical Illustration.

The curriculum is as follows:

### Junior year

<i>Fall quarter</i>	<i>Quarter hours</i>
MIL 370. Gross Anatomy .....	10
MIL 371. Principles of Surgery .....	1
MIL 350. Half Tone Drawing Techniques .....	5
MIL 353. Pen and Ink—Airbrush .....	1
MIL 355. Charts, Graphs, Statistics .....	1
<i>Winter quarter</i>	
MIL 372. Principles of Surgery .....	1
MIL 374. Psychiatry and Human Development .....	1
MIL 351. Half Tone Drawing Techniques .....	5
MIL 354. Pen and Ink—Airbrush .....	1
MIL 356. Charts, Graphs, Statistics .....	1
MIL 359. Commercial Medical Illustration .....	2
MIL 361. Ophthalmological Drawing .....	1
MIL 362. Operating Room Sketching .....	1
MIL 364. Surgical Drawing .....	1
MIL 376. Physiology (see course description)	
<i>Spring quarter</i>	
MIL 373. Principles of Surgery .....	1
MIL 378. Clinical Surgery .....	2
MIL 375. Psychiatry and Human Development .....	1
MIL 352. Half Tone Drawing Techniques .....	5
MIL 358. Anatomical Sculpture .....	2
MIL 363. Operating Room Sketching .....	1
MIL 365. Surgical Drawing .....	1
MIL 366. Medical Photography .....	1
MIL 377. Physiology (see course description)	

### Senior year

<i>Fall quarter</i>	
MIL 470. Histology and Embryology .....	10
MIL 450. Operating Room Sketching .....	3
MIL 453. Surgical Drawing .....	3
MIL 458. Medical Photography .....	1
<i>Winter quarter</i>	
MIL 471. Neuroanatomy .....	4



MIL 472. Genetics .....	1
MIL 473. History of Medicine .....	1
MIL 456. Moulage and Prosthetics .....	1
MIL 451. Operating Room Sketching .....	3
MIL 454. Surgical Drawing .....	3
MIL 459. Medical Photography .....	1
MIL 461. Color Rendition .....	1
MIL 463. Mechanics and Ethics of Medical Publishing .....	1

#### *Spring quarter*

MIL 474. History of Medicine .....	1
MIL 457. Moulage and Prosthetics .....	1
MIL 452. Operating Room Sketching .....	4
MIL 455. Surgical Drawing .....	4
MIL 462. Color Rendition .....	1
MIL 460. Medical Photography .....	1
MIL 475. Statistics .....	1

## **COURSE DESCRIPTIONS**

**MIL 370. Gross Anatomy.** *First year, 10 quarter hours.*

Dissection of a human body by students assigned in groups of four working under the supervision of the faculty. Dr. Gatz and staff.

**MIL 371, 372, 373. Principles of Surgery.** *Three quarters, 3 quarter hours.*

Lectures concerning pertinent areas of general surgery and the surgery subspecialties. Dr. Moretz and staff.

**MIL 378. Clinical Surgery.** *Third quarter, 2 quarter hours.*

An exercise in which the students perform standard operations on anesthetized animals. Dr. Engler.

**MIL 374, 375. Psychiatry and Human Development.** *Second and third quarters, 2 quarter hours.*

Introduction to the relationship of physical environment and behavioral factors in the development of children and adults. Dr. Sisson.

**MIL 350, 351, 352. Half Tone Drawing Techniques.** *Three quarters, 15 quarter hours.*

Instruction in the use of the mediums of the medical illustrator: carbon dust, water color wash, etc., in depicting anatomical and pathological specimens in continuous tone. Mr. Parkes and staff.

**MIL 353, 354. Pen and Ink—Airbrush.** *First and second quarters, 2 quarter hours.*

The study of illustrating medical material in line work with pen and ink; the use of the airbrush in color and black and white studies. Mr. Parkes and staff.

**MIL 355, 356. Charts, Graphs, Statistics.** *First and second quarters, 2 quarter hours.*

The use of mechanical lettering and drafting instruments in the presentation of statistical and research studies in diagrams, charts and graphs; preparation of exhibits. Miss Garlington.

**MIL 358. Anatomical Sculpture.** *Third quarter, 2 quarter hours.*

Elementary clay modeling of anatomical dissections and the casting of these objects in plaster. Mr. Parkes and staff.

**MIL 359. Commercial Medical Illustration.** *Second quarter, 2 quarter hours.*

Students prepare brochures and pharmaceutical advertising material in color from basic layout to completed drawings suitable for publication. Mr. Parkes and staff.

**MIL 361. Ophthalmological Drawing.** *Second quarter, 1 quarter hour.*

Drawings of the fundus of the eye of patients or fellow classmates are accomplished, as well as drawings of normal and pathological gross eye subjects. Mr. Parkes and staff.



**MIL 362, 363. Operating Room Sketching.** *Second and third quarters, 2 quarter hours.*

Students observe operative procedures in the operating rooms of the hospital making rough sketches of procedures for later completion. Mr. Parkes and staff.

**MIL 364, 365. Surgical Drawing.** *Second and third quarters, 2 quarter hours.*

Operating room, clinic and examining room sketches are worked into detailed drawings using art mediums previously studied. Mr. Parkes and staff.

**MIL 366. Medical Photography.** *Third quarter, 1 quarter hour.*

Elementary photography and dark room techniques are studied. Mr. Lanier.

**MIL 376, 377. Physiology.** *Second and third quarters, 10 quarter hours.*

A course in introductory and applied human physiology. Note: students who have ten quarter hours of undergraduate credit in human physiology will be exempt from this course. Those not having such credit will enroll in this class, eliminating courses 359, 358, 362, 364, or two quarter hours may be obtained in this subject at Augusta College evening classes.

**MIL 470. Histology and Embryology.** *One quarter, 10 quarter hours.*

A comprehensive study of the cell, the fundamental tissues and the adult organs with relation to function and development. Dr. Bowles and staff.

**MIL 471. Neuroanatomy.** *Second quarter, 4 quarter hours.*

The study of the gross and microscopic structure of the human nervous system and organs of special sense. Dr. Bowles and staff.

**MIL 472. Genetics.** *Second quarter, 1 quarter hour.*

Demonstrations of the principles of human heredity. Dr. Bragassa and staff.

**MIL 473. History of Medicine.** *Second and third quarters, 2 quarter hours.*

Lectures on the history of the development of medicine with emphasis on trends and movements rather than a history of names and individuals. Dr. Sheppard.

**MIL 456, 457. Moulage and Prosthetics.** *Second and third quarters, 2 quarter hours.*

The making of anatomical molds and casts from plasticine models, and the production of plastic prostheses for facial defects. Mr. Parkes and staff.

**MIL 450, 451, 452. Operating Room Sketching.** *Three quarters, 10 quarter hours.*

Pencil sketching in the operating rooms and clinics of the hospital. Mr. Parkes and staff.

**MIL 453, 454, 455. Surgical Drawing.** *Three quarters, 10 quarter hours.*

Completion of highly detailed drawings of surgical procedures and clinical examinations. Mr. Parkes and staff.

**MIL 461, 462. Color Rendition.** *Second and third quarters, 2 quarter hours.*

The use of water color wash, tempera, colored pencils and airbrush in the development of drawings of clinical and anatomical subject material. Mr. Parkes and staff.

**MIL 458, 459, 460. Medical Photography.** *Three quarters, 3 quarter hours.*

Advanced training in the medical photography laboratories of the photographic unit, copying of charts, graphs, etc.; the photography of patients in the studio and operating areas, photomicrography and motion picture photography. Mr. Lanier.

**MIL 463. Mechanics and Ethics of Medical Publishing.** *Second quarter, 1 quarter hour.*

Methods of printed reproduction of medical drawings and the preparation of such material for the printer and engraver. Also the ethics involved in the utilization of previously published work of other artists. Mr. Parkes and staff.

**MIL 475. Statistics.** *Third quarter, 1 quarter hour.*

Lectures on the plotting and depicting of statistical material in various methods of presentation. Dr. Bragassa and staff.

## **REQUIREMENTS FOR THE BACHELOR OF SCIENCE DEGREE IN MEDICAL ILLUSTRATION**

In addition to the 90 quarter hours of transfer credit permitted as noted on page 13, at least 90 quarter hours of credit must be earned in this department toward the baccalaureate degree.

A grade average of "B" must be accomplished in at least 75 percent of all courses in residence in order to meet the requirements for graduation.

Other requirements are listed on pages 12 and 13.

## **RECOMMENDATION FOR GRADUATION**

Recommendations for graduation from the School of Medical Illustration are made by the faculty of this school.

## **QUALIFYING EXAMINATION FOR THE MASTER OF SCIENCE DEGREE**

During the Spring quarter of the senior year students will be given the opportunity to take the qualifying examination for admission to the graduate year of study. Prerequisites for graduate study in medical illustration are listed on page 30.

Those not successful in the examination will be expected to enroll for a third year of study following a program similar in scope but patterned on an internship in medical illustration. Completion of this academic year of study will be recognized by a certificate of accomplishment and completion of the course in medical illustration.

# MEDICAL RECORD SCIENCE

The Medical College of Georgia offers a Bachelor of Science degree in Medical Record Science. The educational program is approved by the Council on Medical Education of the American Medical Association and by the American Association of Medical Record Librarians.

Students are accepted after completion of two years of college. The curriculum of the last two years utilizes the facilities of Augusta College and the Medical College of Georgia. Professional educational activities are provided in the Medical College's teaching hospital (Eugene Talmadge Memorial Hospital), and in University and St. Joseph's Hospitals, all in Augusta. Student enrollment is limited to ten per class.

The work includes study and experience in medical record science, statistics, fundamentals of medical science, legal aspects of medical records, organization and administration, and application of advanced business machines.

## OBJECTIVES

A medical record librarian is responsible for the development and maintenance of a system of medical records in a hospital which will promote the best medical care for the patient, provide training material for interns and residents, and serve as a source of information for medical research and clinical evaluation.

Most medical record librarians are employed in hospitals. Others work in clinics, medical research centers, medical departments of insurance companies, health agencies, and local and state health departments.

The demand for qualified personnel is great in medical records and the number of unfilled positions is increasing, partly because of the growth in the number of hospitals and the complexity of hospital records.

As a member of the health team, the medical record librarian works with the administrative, medical, and other scientific staffs of the institution, where she is concerned with the development, analysis, maintenance, and the use of records and reports.

## FACULTY

*Director:* SIRMANS

*Faculty:* DAVIS, JOHNSTON

## ADMISSION REQUIREMENTS

Applicants may attend any accredited college of their choice for the freshman and sophomore years; however, admission and academic requirements of the Medical College of Georgia must be met. If accepted, students transfer to the Medical College program at the beginning of the third year. Admission requirements, in addition to general admission requirements listed on pages 9 and 10, include a curriculum for the freshman and sophomore years that show a minimum of 90 quarter hours acceptable work in the following:

	<i>Quarter Hours</i>
English .....	20
Mathematics (through trigonometry) .....	10
Language (high school or college credit in Latin encouraged) .....	10
Science (general biology, human anatomy and physiology) .....	15-20
Social Sciences (sociology, psychology, economics, philosophy, history) .....	25-30
Electives .....	0-10

## FEES AND EXPENSES

Information on fees is listed on pages 6 and 7. Additional expenses applicable to this course of study include:

Books	
First two quarters, Junior year .....	\$ 50.00
Last four quarters (professional books and publications of use after graduation) .....	100.00

Uniforms .....	20.00
Incidentals .....	25.00

## CURRICULUM

At the beginning of the third year, the student enters the program of the Medical College of Georgia. During the first two quarters, liberal arts courses at the senior college level are offered, during which facilities of Augusta College are used. These courses include psychology, philosophy, sociology, English and the arts.

Commencing with the third quarter of the Junior year, the student begins the professional program on the Medical College campus. The work consists of organized courses, listed below, with directed practice experience in the medical record department of the Medical College's teaching hospital.

Following satisfactory completion of these courses, the student is awarded the degree of Bachelor of Science in Medical Record Science, and is eligible to take the registration examination of the American Association of Medical Record Librarians, which certifies her as a Registered Record Librarian (RRL).

Courses offered by the Medical College are as follows:

### JUNIOR YEAR

<i>Spring quarter</i>	<i>Quarter Hours</i>
MRS 301. Medical Terminology .....	5
MRS 310. Medical Record Science I .....	6
MRS 320. Organization and Administration I .....	3
MRS 340. Directed Practice Experience I .....	2

### SENIOR YEAR

<i>Fall quarter</i>	
MRS 401. Fundamentals of Medical Science I .....	5
MRS 410. Medical Record Science II .....	6
MRS 420. Organization and Administration II .....	3
MRS 422. Legal Aspects of Medical Records .....	3
MRS 440. Directed Practice Experience II .....	1

<i>Winter quarter</i>	
MRS 402. Fundamentals of Medical Science II .....	5
MRS 411. Medical Record Science III .....	6
MRS 421. Organization and Administration III .....	3
MRS 441. Directed Practice Experience III .....	2

<i>Spring quarter</i>	
MRS 431. Statistics & Advanced Business Machines Application .....	6
MRS 423. Organization and Administration IV .....	3
MRS 442. Directed Practice Experience IV .....	5

## COURSE DESCRIPTIONS

### **MRS 301. Medical Terminology.** 5 quarter hours.

A study of anatomy and terms related to all medical science, hospital services and health-related specialties.

### **MRS 401, 402. Fundamentals of Medical Science.** 10 quarter hours.

A study of the fundamentals of medical science and medical essentials presented through doctors' lectures in the medical specialties.

### **MRS 310, 410, 411. Medical Record Science.** 18 quarter hours.

A study of the theory of medical record practices including ethics, record preparation and preservation, analysis, coding and indexing, statistics, research techniques, and record keeping in related departments with laboratory practice for proficiency.

### **MRS 320, 420, 421, 423. Organization and Administration.** 12 quarter hours.

A study of the organization patterns in hospitals, clinics and community health agencies, medical staff organization, principles and practices essential to the efficient administration of the medical record department, professional relationships, development of standard procedures, functions and techniques of supervision and human relations. Seminars are held on problems encountered in medical record departments.



Laboratory practice for proficiency.

**MRS 422. Legal Aspects of Medical Record Science.** *3 quarter hours.*

A study of the principles of law and their application in the health field, with particular emphasis on all phases of medical record practice.

**MRS 431. Statistics and Advanced Business Machines Application.** *6 quarter hours.*

Directed learning experience in the basic principles of operation of data processing equipment as used by a medical record department in preparation of hospital statistics, indexing and research. Opportunity is provided for observation and instruction in the application of the computer in the preparation of statistical analyses of data gathered from medical records.

**MRS 340, 440, 441, 442. Directed Practice Experience.** *10 quarter hours.*

Supervised learning experience through which the student develops insight, understanding and skill in medical record procedures; learns to deal with the problems of medical record personnel; accepts responsibilities and recognizes the need for preserving the confidentiality of medical records and learns to work with other professional and non-professional groups.

## **OTHER PROGRAMS**

**Medical Record Internship.** Graduates of the School of Medical Record Science may apply for Medical Record Internships offered by the medical record department of the Medical College's teaching hospital. Two such programs are available for the months of June, July and August, during which the graduate assumes supervised administrative responsibilities and receives a stipend commensurate with that paid other similar personnel of this institution.

**Postgraduate Professional Training in Medical Record Science.** Special arrangements may be made for students having degrees who wish to take a 12-month professional training program, provided they meet certain basic course prerequisites.

## **REQUIREMENTS FOR GRADUATION**

General requirements are listed on pages 12 and 13. In addition, each candidate for a Bachelor of Science degree in Medical Record Science must earn acceptable credit in approved courses totaling at least 184 quarter hours, of which 90 hours is acceptable on transfer to the Medical College of Georgia, and 94 hours earned while enrolled at this institution; 64 quarter hours credit are earned throughout the four quarters of the professional program.

# MEDICAL TECHNOLOGY

The Medical College of Georgia offers a Bachelor of Science degree with a major in Medical Technology. In this program the student may attend any accredited college for the freshman and sophomore years, following the prescribed curriculum.

During the sophomore year the student should apply for transfer to the Medical College. If accepted, the student transfers to the medical campus at the beginning of the junior year. The number of students accepted is governed by the regulations of the Board of Schools of Medical Technology (ASCP-ASMT) and the general admission policies of the Medical College.

The program for the junior and senior years will include courses in the liberal arts and sciences as well as the practical and theoretical aspects of the various disciplines related to diagnostic procedures in hospital laboratories.

## OBJECTIVES

Medical Technology is important because it permits the physician to make more definitive and precise diagnoses. The primary objective of this academic program is to train capable young people in the philosophy and methodology of the field of medical technology in order that this discipline may be effectively manned by knowledgeable and skilled personnel. It is hoped also that some of these people will be inspired to acquire graduate degrees and become teachers and leaders in technology.

## ACCREDITATION

The School of Medical Technology is approved by the Council on Medical Education of the American Medical Association in collaboration with the Board of Schools of Medical Technology of the American Society of Clinical Pathologists.

Graduates of the School are eligible for examination by the registry of Medical Technologists of the American Society of Clinical Pathologists, the only official national certifying agency approved by organized medicine and so recognized by accredited colleges.

## FEES AND EXPENSES

Information on fees is given on pages 6 and 7 of this Bulletin. Additional expenses applicable to this program of study include:

Junior year:	
Books .....	\$60.00
Breakage fee* .....	20.00
Senior year:	
Books .....	60.00
Breakage fee* .....	20.00
Uniforms and white shoes .....	50.00
Incidentals (patches, subscriptions, etc.) .....	20.00

## REQUIREMENTS FOR ADMISSION

The applicant may attend any accredited college or university of his choice for the freshman and sophomore years. Admission and academic requirements of the Medical College must be met. If accepted, the student transfers to the Medical College at the beginning of the third year. Other requirements, in addition to general admission requirements listed on pages 9 and 10, include:

1. Completion of application forms (preferably two months before registration).
2. A personal interview with the Director.
3. The curriculum for the freshman and sophomore years must show a minimum of 90 quarter hours of acceptable work including the following courses:

	Quarter Hours
English .....	20

\*Covers expendable supplies. It is refunded minus accumulated charges at the end of the academic year.

Mathematics (including algebra and trigonometry) .....	10
Political Science .....	5
Foreign Language (French or German preferred, 10 hours if continuing high school language; 15 hours if changing) .....	10-15
Chemistry (general and quantitative or qualitative analysis) .....	15
Zoology (including human biology) .....	20
History (Western civilization) .....	10
Physical Education .....	5

## FACULTY

Director: SHEPEARD

Faculty: ANDERSON

## CURRICULUM

Courses in liberal arts will continue during the junior year in cooperation with Augusta College.

The Council on Medical Education and Hospitals of the American Medical Association requires twelve months of instruction in hospital training in the various disciplines related to diagnostic procedures. Therefore, the senior year for medical technology students consists of four quarters commencing with the summer quarter. The student is required to pay matriculation fees for only three quarters of the final year of study.

### COURSES FOR THE JUNIOR YEAR:

	<i>Quarter Hours</i>
Chemistry. Two courses from the following .....	10
CHM 103. Qualitative Inorganic Analysis	
CHM 281. Quantitative Inorganic Analysis	
CHM 241. Organic Chemistry I	
CHM 242. Organic Chemistry II	
CHM 201. Biochemistry	
Biology. One course from the following .....	5
BAC 410. Immunology	
ZOO 357. Histology	
ZOO 372. Parasitology	
BIO 221. Botany I	
BIO 222. Botany II	
BAC 350. Bacteriology	
ZOO 355. Embryology	
Social Sciences. Three courses from the following .....	15
History (American, English, Georgia, etc.)	
Geography	
Sociology	
Psychology	
Art and Music Appreciation	
Anthropology	
Physics. One course from the following .....	5
PCS 201-211. Mechanics	
PCS 202-212. Heat, Light, Sound	
PCS 203-213. Electricity, Magnetism, Modern Physics	
MTC 410. Instrumentation	
MTC 351. Medical Technology I	
MTC 352. Medical Technology II	
MTC 353. Medical Technology III	
Elective: one course	

### COURSES FOR THE SENIOR YEAR:

- MTC 433. Introduction to Pathology
- MTC 437. Introduction to Blood Group Serology
- MTC 438. Introduction to Clinical Hematology

- MTC 439. Introduction to Clinical Chemistry
- MTC 443. Introduction to Urinalysis
- MTC 448. Introduction to Microbiology and Serology
- MTC 461. Electrocardiology and Basal Metabolism
- MTC 463. Histologic Technique
- MTC 467. Urinalysis
- MTC 471. Blood Banking
- MTC 481. Clinical Hematology
- MTC 483. Clinical Chemistry
- MTC 484. Clinical Microbiology and Serology
- MTC 493. Medical Technology Seminar.

## **COURSE DESCRIPTIONS**

### **MTC 351. Medical Technology I.**

Ethics, legal and moral responsibilities, courtesy, and personnel relationship. The development of medical technology to its present stage.

### **MTC 352. Medical Technology II.**

History and development of bacteriology, parasitology, mycology, serology, blood banking, hematology, chemistry, histology, virology and medicine.

### **MTC 353. Medical Technology III.**

Medical terminology. Course similar in content to Medical Record Science MRS 321.

### **MTC 410. Instrumentation.**

A course similar in content to Biochemistry BCH 610, but designed for and offered only to undergraduate students.

### **MTC 433. Introduction to Pathology.**

A brief introduction to fundamental principles of pathology in human disease. Museum cases and gross specimens are used for demonstration. Discussion of clinical laboratory techniques in relation to diagnosis and treatment of disease is included.

### **MTC 437. Introduction to Blood Group Serology.**

A basic outline of immunogenetics, the fundamentals of antigen-antibody reactions, and a survey of the various blood group systems as they relate to medicine.

### **MTC 438. Introduction to Clinical Hematology.**

Introduction to fundamental principles of formation, fluidity and coagulation of the blood.

### **MTC 439. Introduction to Clinical Chemistry.**

A transition from basic chemistry to chemistry as applied to medicine. Fundamental concepts as they apply to colloids in physical chemical concepts in relation to carbohydrates, fats and proteins.

### **MTC 443. Introduction to Urinalysis.**

The role of urine in diagnosis is presented as related to physiopathology, basic analysis and microscopic examination.

### **MTC 448. Introduction to Microbiology and Serology.**

Distribution and nature of pathogenic microorganisms; mechanism of transmission, pathogenesis; means of control or prevention; methods of isolation and identification as well as related serological methods. Includes bacteria, fungi and parasites.

### **MTC 461. Electrocardiology and Basal Metabolism.**

Principles and practice in the use of electrocardiographs and metabolors.

### **MTC 463. Histologic Technique.**

The basic theory of preparation, sectioning and staining of tissues, plus practical experience in the preparation of tissue specimens for microscopic examination.

### **MTC 467. Urinalysis.**

Practical experience and theory in the use of urine analysis as a diagnostic tool.

### **MTC 471. Blood Banking.**

Practical experience and personal instruction in all aspects of blood banking, including donor room experience from the interviewing of donors to the proper drawing of a unit of blood. In the preparation areas the proper procedures and controls in the preparation of a unit of blood for distribution to the cross-matching line are taught. In problem assignments students learn how to approach the identification of an unknown antibody, the titering of antibodies, and how to work toward the identification of an unknown blood group.



#### **MTC 481. Clinical Hematology.**

A continuation of MTC 438 with practical experience in the theories and problems of hemoglobinometry from the standardization of the instruments to bench work. Practical experience is given in the identification of various cell types. Experience is gained in recognizing abnormal cells as they appear in smears from patients with blood dyscrasias. The automatic instruments of pipetting and cell counting are used to gain familiarity with their use and the theory of the principles upon which they are based. In coagulation, students take part in the team that does the various battery of tests to elucidate the problem of abnormal bleeding or those done to control therapy.

#### **MTC 483. Clinical Chemistry.**

Expansion of theory and practical application of laboratory methods in clinical chemistry.

#### **MTC 484. Clinical Microbiology.**

Theoretical and practical knowledge is increased by preceptorship, the students working with materials and problems related to the services and functions of the division. Included is practical experience in mycology, bacteriology, parasitology, agglutination and immunological procedures that are applicable to the identification of organisms or clinical entities other than those related to blood banking.

### **REQUIREMENTS FOR GRADUATION**

The requirements for graduation from the School of Medical Technology are listed on pages 12 and 13.

### **OTHER PROGRAMS**

The program in Medical Technology, offered by the Medical College of Georgia in conjunction with the University of Georgia, will continue as follows:

Following satisfactory completion of approximately 155 quarter hours of prescribed work at the University, the student will spend the following twelve months at the Medical College, registering for classes in June or January. After acceptable completion of a year's study on the medical campus, the student returns to Athens to receive his degree of Bachelor of Science with a major in Medical Technology.

# **SCHOOL OF NURSING**

Georgia's first state-aided program in nursing education was started in 1941 at the Evening College of Atlanta. In 1943 the University of Georgia was authorized to establish a Department of Nursing Education within the College of Education. The department was transferred to the College of Arts and Sciences in 1944; and in 1945 a program leading to the degree of Bachelor of Science in Nursing Education was established for basic and registered nurses. In 1956, by action of the Board of Regents, the Department of Nursing at the University became the School of Nursing of the Medical College of Georgia. The School of Nursing awarded the first baccalaureate degrees to be conferred by the Medical College.

There is an off-campus center located at Georgia State College, Atlanta. In addition there are offices with resident faculty at the Chatham County Health Department, Savannah, and the Cobb County Health Department, Marietta.

## **ACCREDITATION**

The School of Nursing is accredited by the National League for Nursing, and is a member agency of the Department of Baccalaureate and Higher Degree Programs.

The school is approved by the Board of Examiners of Nurses for Georgia. Graduates are eligible to take the state licensing examination, successful completion of which entitles the nurse legally to practice nursing and to use the title "Registered Nurse" (R.N.).

## **PHILOSOPHY AND OBJECTIVES**

The administration and faculty believe that nursing is a significant force in the total health care of all people, and that it is through guided experiences in the preventive, curative and rehabilitative aspects of nursing that students are able to develop a comprehensive concept of the health needs of people. It is believed that a planned program of general education extending through four academic years, combined with professional courses, aids students in learning more effectively.

The School of Nursing accepts as its aim the selection and training of young men and women who have the potential for development within our educational environment as enlightened and contributing citizens and as professional nurses. Through the use of the problem-solving approach and other planned experiences, the graduate is expected to become a purposeful, thinking, self-directed member of the professional society, able to identify and analyze data objectively, and to make critical judgments on the basis of principles in both personal and professional roles.

It is expected that graduates of the Medical College of Georgia program can work effectively with other disciplines in the care of patients. The graduate is prepared to plan, execute and evaluate the nursing needs and care of individuals in the community; to function as a beginning professional practitioner in any field of nursing, including public health. She has had guided learning experiences in management and leadership, and with experience, the graduate with potential may move into head nurse positions. The graduate may, if ability and achievement warrant, prepare through graduate courses for positions in teaching, administration, supervision, research, or other areas.

## **FACULTY**

*Dean:* GRANT

*Faculty:* AULT, BUFFINGTON, CHAPMAN, DEBRULER, DITCHFIELD, FRANKUM, HUGHIE, LATHAM, LAYTON, SHAW, SHEPPEARD

## **ADMISSION REQUIREMENTS**

Preference will be given those applicants who have demonstrated superior ability in all areas: academic, health and personal. Admission and academic requirements of the Medical College, listed on pages 9 and 10, must be satisfied. In addition the School of Nursing requires:

**Age:** The minimum age is 16 for admission to the freshman year of the School of Nursing.

**Pre-Entrance and/or Guidance Tests.** Tests of the National League for Nursing are required of all applicants. The tests should be taken as soon as possible and must be taken prior to entrance. The examinations scheduled for the five ensuing quarters are:

*Summer quarter, 1965*

June 19 .....	NLN Pre-Nursing and Guidance Examination
July 24 .....	NLN Graduate Nurse Examination—Atlanta
August 7 .....	NLN Pre-Nursing and Guidance Examination

*Fall quarter, 1965*

October 23 .....	NLN Graduate Nurse Examination—Atlanta
October 23 .....	NLN Graduate Nurse Examination—Augusta
November 13 .....	NLN Pre-Nursing and Guidance Examination
December 11 .....	NLN Pre-Nursing and Guidance Examination

*Winter quarter, 1966*

January 29 .....	NLN Pre-Nursing and Guidance Examination
March 5 .....	NLN Graduate Nurse Examination—Atlanta

*Spring quarter, 1966*

March 26 .....	NLN Pre-Nursing and Guidance Examination
May 14 .....	NLN Graduate Nurse Examination—Augusta

*Summer quarter, 1966*

June 11 .....	NLN Pre-Nursing and Guidance Examination
July 23 .....	NLN Graduate Nurse Examination—Atlanta

**Personal interviews.** Appointments for personal interviews should be made by writing to the Dean of the School as soon as the applicant becomes interested. Interviews for applicants in the Atlanta area may be made at the Atlanta Center offices of the School of Nursing. On occasion appointments may be arranged in other cities with the Dean or other designated faculty members.

## **TRAVEL RELEASES**

Before matriculation each accepted student must file written permission by parents or guardians to travel by public and/or private carrier. Forms for this purpose shall be provided by the School of Nursing.

## **TRANSFER STUDENTS**

A student transferring to the Medical College of Georgia School of Nursing will have general education courses evaluated by the Registrar. Transfer students should seek prior assurance of acceptability of transfer credit. Records of graduate or registered nurses will be evaluated by the School of Nursing; such credit may be validated by completion of standardized validating examinations.

## **FEES AND EXPENSES**

General information concerning fees is listed on pages 6 and 7. Additional estimated quarterly expenses applicable to the School of Nursing include:

Meals .....	\$175.00
Laundry (professional uniforms during quarter enrolled in clinical laboratory courses) .....	10.00
Professional tests and incidentals .....	5.00
Books (approximate average) .....	20.00
Uniforms, excluding shoes (less for the student who has purchased uniform essentials earlier):	
Second year, Fall quarter .....	136.00
Fourth year .....	50.00

The cost of transportation to Augusta College, and for the quarter including instruction and experience in public health nursing, is borne by the student. Each student is encouraged to have a car at her disposal for the quarter in which she is enrolled in public health nursing.

## **FINANCIAL ASSISTANCE AND EMPLOYMENT OPPORTUNITIES**

The student should review the publication "Financing Your Program in Nursing at the Medical College of Georgia", a copy of which will be sent on request.

If the student wishes to apply or compete for scholarship assistance, she should do so preferably by January 1st prior to the Fall quarter of expected enrollment.

Many local communities have scholarships available through civic and patriotic clubs, industries, foundations and similar groups. The school principal or counselor should be consulted for information concerning these possible scholarship sources.

Arrangements for assistance may be made through the Director of Women's Activities, who works closely with the Dean of the School of Nursing and the Director of Student Affairs.

## **STUDENT ORGANIZATIONS AND ACTIVITIES**

Students in the School of Nursing, like regular students of Augusta College, participate in the activities and organizations on that campus.

In addition to the additional regular activities at the Medical College, nursing students belong to class organizations and are members of District IV, Student Nurses Association.

Students at the Atlanta Center have an organized Nursing Education Club.

## **FACILITIES, GENERAL EDUCATION AND PROFESSIONAL**

The general education facilities of Augusta College and The University of Georgia, combined with those of the Medical College of Georgia, offer excellent opportunities for a balanced program of liberal and professional education. Coordinated planning makes possible the inclusion of upper division courses in general and supporting educational areas, as well as the building of the nursing major on a known base of general education.

The clinical, research and laboratory facilities of the Medical College's teaching hospital (Eugene Talmadge Memorial Hospital) provide an ideal environment for professional education during the care and treatment of medical, surgical, psychiatric, obstetric and pediatric patients.

Throughout the program the facilities of the State Health Department, the Richmond County Health Department, and other community social and health agencies are utilized. The Chatham County Health Department in Savannah participates, as does the Cobb County Health Department, Marietta. Other centers may be developed as needed.

## **CURRICULUM**

The School of Nursing offers a four-year 12-quarter academic program leading to the degree of Bachelor of Science in Nursing.

The importance of different experiences in the college life of the student influences the curriculum design. The courses in general education and supporting areas are offered throughout the program with the exception of two quarters. They are planned to contribute to the professional courses and to the offering of a sound, integrated four-year program. It is the purpose of the School of Nursing to develop a curriculum which aids in the development of the individual personally, as a citizen and as a professional nurse.

General education courses numbered 299 and below are offered by Augusta College. Courses 300 and above are offered by the Augusta Extension, The University of Georgia. Courses are to be taken in outlined sequence unless otherwise approved by the Dean or her designee. All course requirements for the first three years must be completed satisfactorily before beginning the senior year.



**First year**

		<i>Quarter Hours</i>
<i>Fall quarter</i>		
ENG 101.	Composition I .....	5
CHM 101.	Inorganic Chemistry .....	5
HIS 121.	History: Early Europe .....	5
PED	Physical Education .....	1
<i>Winter quarter</i>		
ENG 102.	Composition II .....	5
CHM 201.	Biochemistry .....	5
BIO 111.	Human Anatomy and Physiology I .....	5
PED	Physical Education .....	2
<i>Spring quarter</i>		
HIS 122.	History: European Expansion .....	5
PSY 122.	Introduction to Psychology .....	5
BIO 112.	Human Anatomy and Physiology II .....	5
NSG 113.	Nursing History .....	2
PED	Physical Education .....	2

**Second year**

<i>Fall quarter</i>		
SOC 101.	Introduction to Sociology .....	5
BIO 211.	Microbiology .....	5
EDU 304.	Educational Psychology .....	5
NSG 201.	Nursing as a Profession .....	2
<i>Winter quarter</i>		
NSG 202.	Principles and Foundations of Nutrition .....	4
NSG 203.	Science for Nursing .....	4
NSG 241.	Medical-Surgical Nursing I .....	11
<i>Spring quarter</i>		
NSG 230.	Principles of Teaching .....	3
NSG 242.	Medical-Surgical Nursing II .....	11
SOC 461.	The Family .....	5

**Third year**

<i>Fall quarter</i>		
EDU 201.	Human Development .....	5
NSG 331.	Mental Health and Psychiatric Nursing .....	11
<i>Winter quarter</i>		
NSG 341.	Maternal-Child Health Nursing .....	11
Elective	(literature, mathematics, or other course) .....	5
<i>Spring quarter</i>		
NSG 342.	Maternal-Child Health Nursing .....	11
Elective	(literature, mathematics, or other course) .....	5

**Fourth year**

<i>Fall quarter</i>		
PHI 305.	Ethics .....	5
NSG 402.	Senior Clinical Nursing .....	11
<i>Winter quarter</i>		
NSG 412.	Organization and Administration of Public Health .....	3
NSG 413.	Public Health Nursing .....	11
NSG 440.	Nursing in a Small Community .....	2
<i>Spring quarter</i>		
NSG 452.	Foundation and Trends in Nursing and Nursing Education .....	5
NSG 470.	Principles of Management and Leadership .....	12

Throughout the program and largely in the clinical courses, an application of principles from the social-physical and biological sciences, as well as health concepts including mental health, geriatrics, nutrition and diet therapy, patient and family teaching, interpersonal relationships and communication skills, pharmacology, epidemiology, biostatistics, disaster nursing, occupational health, and rehabilitation skills will be integrated.

## **COURSE DESCRIPTIONS**

### **NSG 113. Nursing History. 2 quarter hours; Fall, Spring**

A consideration of the historical development of nursing, including an analysis of the socio-economic and cultural influences affecting its evolution.

### **NSG 201. Nursing as a Profession. 2 quarter hours, Fall**

An orientation to the field of professional nursing with emphasis on the role of the individual in a profession, and the nursing profession in society.

### **NSG 202. Principles and Foundations of Nutrition. 4 quarter hours, Winter**

A study of the basic principles of nutrition and their application to the planning of normal and therapeutic diets for individuals and families. The problem-solving approach is used in the identification and application of physical and chemical factors involved in digestion and metabolism of food in relation to specific patient-family nutritional problems complicated by pathological conditions. Instructional areas and selected laboratory experiences are based on the learning needs of individual students.

### **NSG 203. Science for Nursing. 4 quarter hours; Fall, Winter**

A course designed to help the student integrate principles from the physical and biological sciences into meaningful concepts which underlie man's physiologic responses in health and stress.

### **NSG 230. Principles of Teaching. 3 quarter hours; Fall, Spring.**

A study of educational philosophy, principles and teaching-learning methods and their broad application to the development of teaching materials, and to guidance of the learning of individuals and groups.

### **NSG 241. Medical-Surgical Nursing I. 11 quarter hours, Winter.**

A study of common health problems of selected adult patients including nursing fundamentals, medical and surgical asepsis and orthopedics; and the scientific principles, attitudes and skills related to meeting the nursing care needs of those patients on the medical-surgical units, outpatient department, home, school, and other health agencies.

### **NSG 242. Medical-Surgical Nursing II. 11 quarter hours, Spring.**

A study of the more difficult nursing care problems of selected adult patients with medical-surgical conditions including tuberculosis, selected gynecologic conditions, otolaryngology, and eye conditions, in various nursing settings.

### **NSG 331. Mental Health and Psychiatric Nursing. 11 quarter hours; Fall, Winter, Spring**

A study of problem-solving techniques and communication skills as they relate to psychological growth and development, and the principles concerned in nursing care of selected patients with mental health problems or psychiatric disorders.

### **NSG 341. Maternal-Child Health Nursing I. 11 quarter hours; Fall, Winter, Spring.**

Family-centered developmental approach in the study of adolescents, involving preparation for marriage, family living and parenthood; and a study of the psychological and physiological problems encountered in each phase of the maternity cycle and with newborn infants in the neonatal period.

### **NSG 342. Maternal-Child Health Nursing II. 11 quarter hours; Fall, Winter, Spring.**

Family-centered developmental approach to the study of children of various age levels; the promotion of their physical, social and emotional health; and the study of comprehensive nursing care during illnesses common to childhood.

**NSG 402. Senior Clinical Nursing.** *11 quarter hours; Fall, Winter.*

Analysis of complex problems including developmental, health, and long-term illness based on study of the literature and the significant theories and laws from physical, biological, social and medical sciences. Nursing hypotheses thus derived are tested and converted into theories and principles in nursing practice with individuals and patient groups in various clinical areas and settings. Academic instruction and laboratory experiences are qualitatively selected to meet the learning needs of students.

**NSG 412. Public Health Organization and Administration.** *3 quarter hours.*

The course is designed to help the student further her knowledge of the principles of organization and administration as applied to official and voluntary public health agencies, epidemiological facts including use of biostatistics, principles of environmental sanitation in the promotion of health and prevention of diseases or handicapping conditions.

**NSG 413. Public Health Nursing.** *11 quarter hours; Fall, Winter, Spring.*

The historical development, principles and trends in public health nursing, and principles of organization and administration of public health nursing services in a generalized nursing program in which family health service is emphasized. Laboratory in an approved public health agency.

**NSG 440. Nursing in a Small Community.** *2 quarter hours; Fall, Winter, Spring.*

Directed observation and field instruction in a small community including a study of the responsibilities of the professional nurse in the promotion and maintenance of optimum health of patients and families who seek service in a small community hospital, and in other health and welfare agencies.

**NSG 452. Foundations and Trends in Nursing and Nursing Education.** *5 quarter hours; Winter, Spring.*

An analysis of the trends and current problems in nursing and their relationship to nursing education programs and to the practice of professional nursing.

**NSG 470. Principles of Management and Leadership.** *12 quarter hours; Winter, Spring.*

A study of the basic principles of scientific management, leadership and interpersonal relations; and guided learning experiences and their application to nursing team leadership and head nurse positions in nursing.

## **STANDARDS OF ACHIEVEMENT**

**Academic advancement.** Promotion is dependent on satisfying all academic course requirements, and upon the maintenance of a weighted grade point average of 2.5 in each academic discipline or subject area.

**Advancement examinations.** The policy governing required achievement examinations shall be posted in the School of Nursing; students are expected to meet requirements of courses and achievement examinations according to current policies. All course requirements, all achievement examinations, and all validation examinations for the first three years must be completed satisfactorily before a student is permitted to register for the senior year curriculum.

## **REQUIREMENTS FOR GRADUATION**

General requirements for graduation from the undergraduate programs of the Medical College of Georgia are listed on pages 12 and 13.

Applicable specifically to the School of Nursing:

The minimum residence requirement for the degree of Bachelor of Science in Nursing is 45 quarter hours, during which time a candidate must earn credits in courses numbered 200 or above with satisfactory grades. Completion of all senior nursing courses, and a minimum of 186 quarter hours total credit, is required for the Bachelor's degree. Courses taken more than five years prior to graduation, if

used to meet degree requirements, must be re-evaluated.

On the recommendation of a student's advisor a request for substitution of a related course to meet a specific course requirement may be made by a student who forwards a petition to the Dean for consideration by the Executive Committee of the faculty.

## **ALUMNI ASSOCIATION**

The Alumni Association of the School of Nursing was formed in an effort to bring the alumni members of the Medical College of Georgia School of Nursing and the graduates of the former Department of Nursing at the University of Georgia into closer relationship, to promote educational advancement and good fellowship among the graduates and students of this school, to provide for mutual understanding and to help in the solving of problems common to all members, and to provide for mutual help and improvement of the educational and professional standards of nursing, in cooperation with other professional organizations.

All persons who have graduated from the Medical College of Georgia School of Nursing, or from the former Department of Nursing of the University of Georgia, are eligible for membership in the Association. A member who contributes annually to the Association is entitled to vote, to hold office, and to receive the Alumni News, a quarterly publication about the school and its alumni.

In an effort to bring members of the Association together, an annual Lectureship is held shortly before graduation, at which time developments of the school are discussed and a paper is presented by a nationally-known authority in nursing or education.



# RADIOLOGIC TECHNOLOGY

The Medical College of Georgia offers a Bachelor of Science degree in Radiologic Technology, and also offers an alternate 24-month certificate program. Both programs prepare students to become Registered Radiologic Technologists, but the baccalaureate degree program includes additional preparation for advanced work in nuclear medicine, radiation therapy and teaching.

Students selecting the degree program may attend an accredited college or university for the first two years following the curriculum outlined below. During the sophomore year the student should apply for transfer to the Medical College. If accepted, the student enters the Medical College at the beginning of the Junior year and continues for three final years, combining both scholastic courses and on-the-job training.

## OBJECTIVES AND ACCREDITATION

Because of the rapid technological advances in diagnostic and therapeutic radiology, and in nuclear medicine during the past ten years, there is now a great need for technologists with a broader background than can be obtained in a two-year certificate training program. To fill this need, the Medical College of Georgia has inaugurated a new program for qualified students leading to the Bachelor of Science in Radiologic Technology degree. The program has preliminary approval of the Committee on Technician Training of the American College of Radiology and the American Registry of Radiologic Technologists. Graduates of both programs are eligible for examination by the Registry and subsequent certification.

## FEES AND EXPENSES

Fees and expenses applicable to degree candidate students are listed on pages 6 and 7. No matriculation or tuition fee is required of students in the two-year certificate program. Students provide for their own living quarters, meals and uniforms. Women students may live in the college dormitory. Required books will cost approximately \$40.00, and a small monthly fee is charged for the student health service.

## REQUIREMENTS FOR ADMISSION

See pages 9 and 10 for undergraduate admission requirements and the application procedure. The School of Radiologic Technology complies with all policies, standards and procedures established by the American Registry of Radiologic Technology. Admission requirements peculiar to this program:

1. Preference will be given those applicants who have demonstrated superior academic ability, and to those who have emphasized scientific subjects.
2. Applicants for the Bachelor of Science degree must present evidence of having completed, with acceptable grades, not less than ninety quarter hours of coursework, preferably including courses as outlined below. Assistance and guidance regarding the selection of courses may be obtained on request from the Director, School of Radiologic Technology.

	<i>Quarter Hours</i>
English .....	20
Mathematics (including algebra and trigonometry) .....	10
Science (biology, chemistry, physics, etc.) .....	30
Other courses (history, economics, psychology, philosophy, sociology, languages, etc.) .....	30

## FACULTY

*Director:* C. H. HALL

*Faculty:* ANTHONY, BROWN, CLAY, DICK, POOL, REICHARD

## CURRICULUM

For the Bachelor of Science degree:  
First year at the Medical College of Georgia (Junior class)

	<i>Quarter Hours</i>
RAD 301, 302, 303. Basic Radiologic Technology .....	15
RAD 355. Medical Science Survey .....	5
RAD 375. Medical Record Methods .....	5
Second year at the Medical College of Georgia (Junior class)	
RAD 311, 312, 313. Intermediate Radiologic Technology .....	15
RAD 341. Nuclear Medicine Laboratory .....	5
Electives .....	5
Third year at the Medical College of Georgia (Senior class)	
RAD 421, 422, 423. Advanced Radiologic Technology .....	15
RAD 431. Advanced Radiologic Physics .....	5
RAD 451. Radiographic Sensitometry Laboratory .....	5
RAD 470. Medical Photography .....	5
Electives .....	5

#### For the two-year Certificate Program

##### First year

RAD 301, 302, 303. Basic Radiologic Technology

##### Second year

RAD 311, 312, 313. Intermediate Radiologic Technology

Certificate students will be granted college credits only if they are admitted as degree candidates, pay regular fees, and are appropriately registered for academic credits.

## **COURSE DESCRIPTIONS**

### **RAD 301, 302, 303. Basic Radiologic Technology. 5 quarter hours each.**

These courses comprise an introduction to and basic study of elementary anatomy, radiation physics, radiation protection, and positioning of patients. Students receive instruction in taking X-ray films and critiques.

### **RAD 355. Medical Science Survey. 5 quarter hours.**

This course is given by a member of the clinical faculty and is attended by students from several undergraduate programs. A survey of basic medical science.

### **RAD 375. Medical Record Methods. 5 quarter hours.**

Theory and practice of medical record administration and record management. This course is similar to Medical Record Science **MRS 310** and includes ethics, record preparation, coding, indexing, analysis, and research techniques.

### **RAD 311, 312, 313. Intermediate Radiologic Technology. 5 quarter hours each.**

Continuation of **RAD 301, 302, 303**, with further study and addition of special procedures including practice in more complicated X-ray examinations and procedures.

### **RAD 341. Nuclear Medicine Laboratory. 5 quarter hours.**

Basic laboratory experiments using geiger counters, gamma spectrometers and other detecting equipment to illustrate the use of radioactive isotopes in nuclear medicine and their relationship to clinical medicine and diagnostic techniques.

### **RAD 421, 422, 423. Advanced Radiologic Technology. 5 quarter hours.**

A continuation of **RAD 311, 312, 313**. These include a further study of subjects covered in the preceding courses with the addition of departmental administration, basic nursing procedures, technique, and serialographic X-ray examinations.

### **RAD 431. Advanced Radiologic Physics. 5 quarter hours.**

This course is taught jointly to radiology residents and degree students in Radiologic Technology. It covers radiation physics, radiation therapy, dosimetry, and radiation protection.

### **RAD 451. Radiologic Sensitometry Laboratory. 5 quarter hours.**

Laboratory measurements and written reports on film latitude, speed and gamma. The validity of the reciprocity law and the resolving power and exposure time with screens are demonstrated by student experiments.

### **RAD 470. Medical Photography. 5 quarter hours.**

Theory, demonstration and practice of basic techniques of medical photography with emphasis on the relationship to Radiologic Technology.

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Allen, Lane H., M.D.....	Professor, ANATOMY
Allen, Marshall B., Jr., M.D.....	Professor, SURGERY and Chief, Neurosurgery Division
Anabtawi, Isam N., M.D.....	Instructor, SURGERY (Thoracic) (Part- time)
Anderson, Frank P., M.D.....	Associate Professor, PEDIATRICS and Di- rector, Southeastern Respiratory and Re- habilitation Center
Anthony, Hubert F., Jr., M.D.....	Assistant Professor, RADIOLOGY
Ault, Leilee P., M.S.....	Professor, NURSING
Bailey, Henry W., M.D.....	Clinical Instructor, SURGERY
Bailey, Joseph P., M.D.....	Assistant Professor, MEDICINE
Bailey, Thomas E., M.D.....	Assistant Clinical Professor, PEDIATRICS
Baker, Carleton H., Ph.D.....	Associate Professor, PHYSIOLOGY
Banister, J. Warren, Ph.D.....	Assistant Professor, MEDICAL MICROBIOLOGY
Barfield, William E., M.D.....	Assistant Clinical Professor, OBSTET- RICS-GYNECOLOGY (Part-time)
Bathey, Alfred M., Jr., M.D.....	Clinical Instructor, SURGERY
Bathey, Louis L., M.D.....	Associate Clinical Professor, MEDICINE
Bathey, William W., M.D.....	Clinical Professor Emeritus, SURGERY
Bazemore, J. Malcolm, M.D.....	Clinical Professor, MEDICINE
Behal, Francis J., Ph. D.....	Associate Professor, BIOCHEMISTRY and MEDICAL MICROBIOLOGY and Director, Graduate Division

\*As of February 1, 1965.



Belisle, Charles A., M.D.	Clinical Instructor, SURGERY (General and Thoracic)
Bennett, James W., M.D.	Assistant Clinical Professor, PEDIATRICS (Part-time)
Bernard, George R., Ph. D.	Assistant Professor, ANATOMY
Blitch, Pierce G., Jr., M.D.	Clinical Instructor, MEDICINE
Bliven, Floyd E., Jr., M.D.	Professor, SURGERY and Chief, Orthopedic Division
Bohler, Clorinda S., M.D.	Research Associate, PHYSIOLOGY
Botnik Robert S., M.D.	Clinical Instructor, MEDICINE
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Bower, Philip J., M.D.	Clinical Instructor, MEDICINE
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Boyd, William S., M.D.	Associate Clinical Professor, OBSTETRICS-GYNECOLOGY
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Buffington, Dorothy D., M.S.N.E.	Assistant Professor, NURSING
Burgamy, Clyde A., M.D.	Clinical Instructor, OBSTETRICS-GYNECOLOGY
Burroughs, Gerald W., M.D.	Assistant Professor, PSYCHIATRY
Byne, J. Miller, Jr., M.D.	Clinical Instructor, MEDICINE
Caldwell, Joseph L., Jr., M.D.	Clinical Instructor, SURGERY
Carrington, Kenneth W., M.D.	Clinical Instructor, SURGERY (Neurologic)
Carswell, Augustin S., M.D.	Clinical Instructor, SURGERY (Orthopedic)
Carter, Curtis H., M.D.	Professor, MEDICINE
Chandler, A. Bleakley, M.D.	Professor, PATHOLOGY
Chandler, John L., M.D.	Associate Clinical Professor, SURGERY (Orthopedic)
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Chew, William H., M.D.	Instructor, MEDICINE
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Clary, Thomas L., Jr., M.D.	Assistant Clinical Professor, MEDICINE
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Collings, Harold, Jr., M.D.	Associate Professor, NEUROLOGY
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Hall, Cecil H.	Instructor, <i>RADIOLOGY</i> and Director, Radiological Technical Services
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Holman, Gerald H., M.D.	Professor and Chairman, <i>PEDIATRICS</i>
Hopkins, Enon C., M.D.	Associate Professor, <i>MEDICINE</i>
Horton, Bennett F., M.D.	Instructor, <i>BIOCHEMISTRY</i> and <i>MEDICINE</i>
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Hughie, Betty R., M.S.	Assistant Professor, <i>NURSING</i>
Huisman, Titus H. J., Ph.D.	Regents Professor, <i>BIOCHEMISTRY</i>
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Humphries, Arthur L., Jr., M.D.	Assistant Professor, <i>SURGERY</i>
Hutchinson, Sam L., M.D.	Associate Clinical Professor, <i>PSYCHIATRY</i>
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McKnight, Robert R., M.D.	<i>Assistant Clinical Professor, SURGERY (Orthopedic)</i>
McPherson, James C., Jr., M.D.	<i>Assistant Research Professor, BIO-CHEMISTRY and SURGERY</i>
McRae, Donald R., Jr., M.D.	<i>Assistant Clinical Professor, SURGERY</i>
Mealing, Henry G., M.D.	<i>Associate Clinical Professor, MEDICINE</i>
Mitchell, Charles H., M.D.	<i>Assistant Professor, ANESTHESIOLOGY</i>
Mitchener, James W., M.D.	<i>Clinical Instructor, PATHOLOGY</i>
Montgomery, Benton M., M.D.	<i>Assistant Clinical Professor, MEDICINE</i>
Moore, Victor A., Jr., M.D.	<i>Associate Professor, MEDICINE</i>
Moore, Russell R., M.D.	<i>Assistant Professor, MEDICINE</i>
Moretz, William H., M.D.	<i>Professor and Chairman, SURGERY</i>
Morgan, M. Elizabeth, M.D.	<i>Assistant Clinical Professor, MEDICINE</i>
Moss, Benjamin F., Jr., M.D.	<i>Clinical Instructor, PSYCHIATRY</i>
Mulherin, Joseph L., M.D.	<i>Assistant Clinical Professor, SURGERY</i>
Mullins, D. Franklin, M.D.	<i>Associate Clinical Professor, PATHOLOGY</i>
Mullins, William B., M.D.	<i>Clinical Instructor, PATHOLOGY</i>
Murphy, William R., M.D.	<i>Clinical Associate, PATHOLOGY</i>
Nathaniel, Doris R., M.D.	<i>Research Associate, PATHOLOGY</i>
Nathaniel, Edward J. H., M.D.	<i>Associate Research Professor, PATHOLOGY and ANATOMY</i>
Neal, Jule C., Jr., M.D.	<i>Assistant Clinical Professor, OBSTETRICS-GYNECOLOGY</i>
Nelson, George H., M.D.	<i>Assistant Professor, BIOCHEMISTRY and OBSTETRICS-GYNECOLOGY (Part-time)</i>
Nesje, Orvin, M.S.W.	<i>Instructor, PSYCHIATRY (Social Case Work)</i>



Nichols, Pomeroy, Jr., M.D.	Assistant Clinical Professor, SURGERY (Neurologic)
Nordoy, Arne, M.D.	Research Associate, PATHOLOGY
O'Brien, Larry J., Ph.D.	Assistant Professor, PHYSIOLOGY
Ogden, Lynn L., II, M.D.	Research Associate, PATHOLOGY
O'Rear, Harry B., M.D.	President, Medical College of Georgia and Professor, PEDIATRICS
O'Rourke, Donald E., M.D.	Instructor, OBSTETRICS-GYNECOLOGY
Owings, Richard S., M.D.	Clinical Instructor, SURGERY and Assistant Clinical Professor, PEDIATRICS (Part-time)
Parkes, Orville A.	Professor and Chairman, MEDICAL ILLUSTRATION
Parrish, Robert A., M.D.	Assistant Professor, SURGERY
Payne, Rufus F., M.D.	Professor, MEDICINE and Superintendent, Eugene Talmadge Memorial Hospital
Perkins, Henry R., M.D.	Associate Clinical Professor, SURGERY (EENT)
Persall, John T., Jr., M.D.	Associate Clinical Professor, OBSTETRICS-GYNECOLOGY
Peskin, Herman, M.D.	Clinical Instructor, MEDICINE
Peters, Hans J., M.D.	Associate Professor, PATHOLOGY
Phinzy, John, M.D.	Clinical Instructor, MEDICINE
Pinson, Harry D., M.D.	Assistant Clinical Professor, SURGERY
Pool, Winford H., M.D.	Associate Professor, RADIOLOGY
Poston, John D., M.S.W.	Assistant Professor, PSYCHIATRY (Social Case Work)
Pryor, Carol G., M.D.	Clinical Instructor, OBSTETRICS-GYNECOLOGY
Puchtler, Holde, M.D.	Associate Research Professor, PATHOLOGY
Pund, Edgar R., M.D.	President Emeritus
Pursley, Norman B., M.D.	Assistant Clinical Professor, PEDIATRICS
Rainey, Robert L., M.D.	Assistant Professor, MEDICINE
Reeves, Nathan, M.D.	Assistant Clinical Professor, MEDICINE
Reichard, Sherwood M., Ph.D.	Associate Professor, RADIOLOGY (Radiobiology)
Remington, John W., Ph.D.	Professor, PHYSIOLOGY
Rhode, C. Martin, M.D.	Associate Clinical Professor, SURGERY
Rhodes, Robert L., M.D.	Clinical Professor Emeritus, SURGERY
Rice, Harold K., Ph. D.	Instructor, PSYCHIATRY (Clinical Psychology)
Rice, Walter G., M.D.	Dean, School of Medicine and Professor, PATHOLOGY
Riley, Merle W., Ph.D.	Assistant Professor, PHARMACOLOGY
Rinker, J. Robert, M.D.	Professor, SURGERY and Chief, Urology Division
Roberts, Sava M., M.D.	Associate Clinical Professor, RADIOLOGY
Robertson, J. Righton, M.D.	Clinical Professor Emeritus, SURGERY
Robison, William P., M.D.	Assistant Clinical Professor, PSYCHIATRY
Roesel, Catherine E., Ph.D.	Associate Professor, MEDICAL MICROBIOLOGY
Roule, J. Victor, Jr., M.D.	Clinical Professor, SURGERY (Ophthalmic)
Rucker, Julius T., Jr., M.D.	Clinical Instructor, ANESTHESIOLOGY
Rushia, Edwin L., M.D.	Associate Clinical Professor, ANESTHESIOLOGY
Scoggins, Henry D., M.D.	Clinical Instructor, OBSTETRICS-GYNECOLOGY
Sell, Mercer B., M.D.	Assistant Professor, PSYCHIATRY
Shaw, Constance H., M.N.	Assistant Professor, NURSING

Sheely, Lowry L., M.D.	Assistant Professor, ANESTHESIOLOGY
Shepeard, Walter L., M.D.	Professor, PATHOLOGY and Director, Medical Technology Program
Shepherd, Mason H., M.D.	Assistant Clinical Professor, SURGERY
Sheppard, M. Nylene, M.A.	Associate Professor, NURSING
Sherman, John H., M.D.	Clinical Professor, SURGERY
Shirley, William C., M.D.	Clinical Instructor, OBSTETRICS-GYNECOLOGY
Shiver, Charles B., Jr., M.D.	Associate Clinical Professor, MEDICINE
Singal, Sam A., Ph.D.	Professor, BIOCHEMISTRY
Sipprelle, Carl N., Ph.D.	Associate Clinical Professor, PSYCHIATRY (Clinical Psychology)
Sirmans, Juanita, A.B.	Instructor and Director, MEDICAL RECORD SCIENCE Program
Sisson, Boyd D., Ph.D.	Associate Professor, PSYCHIATRY (Clinical Psychology)
Smith, C. Conrad, M.D.	Assistant Clinical Professor, MEDICINE
Smith, Linda L., Ph.D.	Assistant Research Professor, BIO-CHEMISTRY
Smith, W. T., M.D.	Assistant Clinical Professor, PSYCHIATRY
Stern, Walter R., M.D.	Associate Professor, PATHOLOGY and Director, Division of Laboratory Medicine, ETMH
Stewart, Kenneth D., Ph.D.	Assistant Professor, PSYCHIATRY (Clinical Psychology)
Stoddard, Leland D., M.D.	Professor and Chairman, PATHOLOGY
Stone, Mario M., M.D.	Assistant Professor, SURGERY (Orthopedic) (Part-time)
Story, Frank C., Jr., M.D.	Clinical Instructor, OBSTETRICS-GYNECOLOGY
Sullivan, Dan B., M.D.	Clinical Instructor, SURGERY
Sutherland, James H. R., Ph.D.	Professor and Chairman, PHARMACOLOGY
Talledo, Eduardo, M.D.	Assistant Professor, OBSTETRICS-GYNECOLOGY
Teabeaut, J. Robert, II, M.D.	Associate Professor, PATHOLOGY
Thevaos, Theo G., M.D.	Assistant Clinical Professor, PEDIATRICS (Part-time)
Thigpen, Corbett H., M.D.	Associate Clinical Professor, PSYCHIATRY
Thomas, David R., Jr., M.D.	Clinical Professor, MEDICINE
Thomas, Robert P., M.D.	Assistant Professor, SURGERY (Ophthalmic) (Part-time)
Thornton, Nancy, M.D.	Assistant Professor, PEDIATRICS and PATHOLOGY
Thurmond, J. William, M.D.	Clinical Professor, OBSTETRICS-GYNECOLOGY
Torpin, Richard, M.D.	Professor Emeritus, OBSTETRICS-GYNECOLOGY
Van Giesen, George E., M.D.	Clinical Instructor, MEDICINE
Vaughan, Billy L., M.D.	Instructor, SURGERY
Verma, Mahadeo P., Ph.D.	Assistant Research Professor, MEDICAL MICROBIOLOGY
Victor, Jules, Jr., M.D.	Clinical Instructor, MEDICINE
Volpitto, Perry P., M.D.	Professor and Chairman, ANESTHESIOLOGY
Walden, Andrew A., M.D.	Clinical Professor Emeritus, MEDICINE
Walker, Toler T., M.S.W.	Instructor, PSYCHIATRY (Social Case Work)
Wallace, Charles R., D.V.M.	Assistant Research Professor, PHYSIOLOGY and Director, Veterinary Services
Walters, Gordon E., M.D.	Clinical Associate, MEDICINE (Part-time)
Waters, Aubrey J., M.D.	Associate Clinical Professor, ANESTHESIOLOGY

Watson, Charles H., M.D.	<i>Clinical Instructor, PEDIATRICS</i>
Watson, W. Gamewell, M.D.	<i>Associate Clinical Professor, OBSTETRICS-GYNECOLOGY</i>
Wellband, Wilbur A., Ph.D.	<i>Assistant Professor, ANATOMY</i>
Whelchel, Merritt C., M.D.	<i>Assistant Clinical Professor, SURGERY (Ophthalmic)</i>
White, Arthur C., M.D.	<i>Associate Professor, MEDICINE</i>
White, Cecil A., Jr., M.D.	<i>Clinical Instructor, SURGERY</i>
White, William O., M.D.	<i>Associate Clinical Professor, SURGERY (Ophthalmic)</i>
Wiggins, Stewart L., Sr., Ph.D.	<i>Instructor, PSYCHIATRY (Clinical Psychology)</i>
Wilds, P. Lea, M.D.	<i>Associate Professor, OBSTETRICS-GYNECOLOGY</i>
Wilkes, William A., M.D.	<i>Associate Clinical Professor, PEDIATRICS</i>
Williams, David C., Jr., M.D.	<i>Assistant Clinical Professor, SURGERY (Urologic) (Part-time)</i>
Williams, David D., Ph.D.	<i>Assistant Professor, ANATOMY (Part-time)</i>
Williams, Harold N., Ed.D.	<i>Associate Clinical Professor, PHYSICAL MEDICINE</i>
Williams, Jack B., M.D.	<i>Clinical Instructor, ANESTHESIOLOGY</i>
Williams, W. Loren, Ph.D.	<i>Associate Research Professor, PSYCHOLOGY and Director of Educational Research</i>
Witham, A. Calhoun, M.D.	<i>Professor, MEDICINE</i>
Witherington, Roy, M.D.	<i>Assistant Professor, SURGERY (Urologic) (Part-time)</i>
Wray, Charles H., M.D.	<i>Instructor, SURGERY</i>
Wright, Claude-Starr, M.D.	<i>Professor, MEDICINE</i>
Wycoff, Harland D., Ph.D.	<i>Professor, BIOCHEMISTRY</i>
Yarbrough, John F., Jr., M.D.	<i>Clinical Instructor, ANESTHESIOLOGY</i>
Yeh, Thomas J., M.D.	<i>Assistant Professor, SURGERY (Thoracic)</i>
Zachert, Virginia, Ph.D.	<i>Research Associate, OBSTETRICS-GYNECOLOGY</i>
Zerzan, Charles J., Jr., M.D.	<i>Clinical Instructor, MEDICINE</i>
Zintek, Sylvester S., M.D.	<i>Associate Clinical Professor, PHYSICAL MEDICINE</i>
Zuspan, Frederick P., M.D.	<i>Professor and Chairman, OBSTETRICS-GYNECOLOGY</i>

## INTERN AND RESIDENT STAFF

### EUGENE TALMADGE MEMORIAL HOSPITAL\*

#### Anesthesiology

	Year
Reeves, Ninette P.	Second
DeFoor, Joseph T., Jr.	First
Freeman, William S.	First
Grantham, Carlos G.	First
Harper, Henry W., Jr.	First
Lehman, Edward L.	First

#### Medicine

Collins, Lewis R.	Third
Hall, William J.	Third
Postell, William	Third
Temple, T. Eugene, Jr.	Third
Thomas, F. Deaver	Third
Hirsch, Melvin L.	Second
Hoffler, George W.	Second
Martin, Rufus R., Jr.	Second
Pittman, James P.	Second
Reeder, Alton A.	Second
Smisson, David C.	Second
Sussman, Hy C.	Second
Theus, Thomas L.	Second
Thomas, Luther M., Jr.	Second
Crowder, Jackson G. (Infectious Diseases)	Fellow
Dennis, Allen J. (Renal Hypertensive)	Fellow
Dunlap, Dickson B. (Metabolism)	Fellow
Fussell, Donald O. (Metabolism)	Fellow
Killam, Horace A. W. (Cardiology)	Fellow
Ramsey, George F. (Hematology)	Fellow
Beeson, Charles W.	First
Bush, Leon H.	First
Gerock, Henry W., Jr.	First
Matthews, Hubert I.	First
Mealing, Henry G., Jr.	First
Smith, Robert W., III	First
Jones, Mack D.	Intern

#### Obstetrics & Gynecology

Carter, William F.	Fourth
Graham, Thomas C.	Fourth
Ward, Carolyn	Fourth
Dominguez, Hernan	Third
Gibson, Hugh H.	Third
Goodrich, Samuel M.	Third
Lawler, Jack	Third
McDonough, Gilbert L.	Second
Oldham, Harry M., Jr.	Second
Powell, Barbara Ann	Second
Rigas, Lambros C.	Second
Bruns, William L., Jr.	First
Gilbert, Clyde D.	First
Mitchell, John C.	First

#### Pathology

Batayias, George E.	Fourth
Etheridge, John G.	Fourth
Franco, Jaime	Second

\*As of January 1, 1965.



Parker, James L.	First
Sesta, John J.	First

### Pediatrics

Bowick, Louis A., Jr.	First
Davis, Terrell L.	First
English, Inman C.	First
Jarrett, Eugene C., III	First

### Psychiatry

Maughon, Bob R.	Third
Shive, Robert M.	Third
Williams, Trevor G.	Third
Chambers, Roy G.	Second
Ford, Henry J.	Second
Quillian, Willard E., III	Second
Brown, Nyda W.	First
McGarity, Seaborn S., Jr.	First
Wood, William E.	First

### Radiology

Coffsky, Jay S.	Third
Pilcher, B. Lamar	Third
Bernstein, Vidor	Second
McNair, Hal S.	Second
Tanner, Maurice	Second
Moore, Perry	First

### Surgery

Platt, Hubert O. (General)	Fifth
Carter, Robert H. (General)	Fourth
Christopher, Philip E. (General)	Fourth
Hightower, Samuel (Neurologic)	Fourth
Martin, Frank S. (Neurologic)	Fourth
Talley, Robert E. (General)	Fourth
Walker, Charles O. (General)	Fourth
Williams, John L., Jr. (General)	Fourth
Amra, Waleed N. (General)	Third
Blanchard, Thomas W. (Urologic)	Third
Bass, F. Donald (General)	Third
Corley, William S. (General)	Third
Johnson, George W. (Neurologic)	Third
Mingledorff, Walter E. (Urologic)	Third
Paley, Joseph B. (Orthopedic)	Third
Weaver, Alexander H. S. (Orthopedic)	Third
Fernandez, Antonio (Orthopedic)	Second
Lester, Robert (Ophthalmic)	Second
Moore, Ralph E. (Orthopedic)	Second
Oglesby, James W., Sr. (Thoracic)	Second
Patterson, William D. (General)	Second
Payne, Titus D. (Ophthalmic)	Second
Purvis, Jerry G. (General)	Second
Stark, Charles E., Jr. (General)	Second
Walker, Harvey C. (Urologic)	Second
Williams, John (Neurologic)	Second
Wise, Ronald S. (General)	Second
Wofford, Benjamin H., Jr. (General)	Second
Youngblood, Robert L. (General)	Second
Adams, Richard W. (Orthopedic)	First
Belmont, William S. (Ophthalmic)	First
Bonvallet, James C. (Thoracic)	First
Bridges, Mercer T. (General)	First
Brown, Charles W. (General)	First

Caldwell, Bruce F. (General)	First
Cohen, David M. (General)	First
Evans, Jack A., Jr. (Urologic)	First
Finney, Herman R. (General)	First
Fokes, Ernest C. (Neurologic)	First
Forrester, Edward S. (General)	First
Freeman, James M. (Thoracic)	First
Griffin, Louie H., Jr. (General)	First
Herndon, John R. (General)	First
Jackson, Caesar E. (General)	First
Kanavage, Chester B. (General)	First
Kiernan, Thomas J. (Thoracic)	First
McKinnon, Frank W. (Orthopedic)	First
Meeks, William H. (Neurologic)	First
Sims, William G. (General)	First
Crumpler, James F., Jr. (General)	Intern
Knott, Rufus H., II (General)	Intern
McGirt, Murphy F., Jr. (General)	Intern
Read, Silas C., Jr. (General)	Intern
Venters, Wayne B. (General)	Intern

# STUDENT REGISTER

## SCHOOL OF MEDICINE, 1964-1965

### CLASS OF 1965

Abbott, Don Cassel, B.S.	Warner Robins
Adams, Dolph Oliver, A.B.	Montezuma
Adkins, Henry Thomas, Jr., B.S.	Waycross
Akery, Earl James, A.B., M.Ed.	Carrollton
Asbell, Jimmy Robert, A.B.	Macon
Bagley, Charles Edward, B.S., M.Ed.	Waycross
Baldwin, Benjamin Carter, A.B.	Macon
Bradley, Harold Franklin, B.S.	Greensboro
Brown, Luther Edward, B.A.	Macon
Brown, Michael Forrest, B.S.	Atlanta
Carson, Gordon Cubbedge, III, B.S.	Savannah
Carter, Rebecca Davilene, B.S.	Alma
Clark, William Little, Jr.	Louisville
Couey, Ira Lamar, A.B.	Smyrna
Cowan, Morgan Alton, B.S.	Atlanta
Crawford, Carl LeRoy, B.S.	Augusta
Culpepper, Burford Wallace, B.S.	Atlanta
Cutts, William Gibson, Jr., A.B.	Marietta
Daniell, Duren, Jr., A.B.	Dublin
Deen, John Trice, B.S.	Alma
Dekle, Joel Stewart, B.S.	Jesup
Dekle, John Loren, Jr., B.A.	Swainsboro
Dempsey, James Edward, B.A.	Rome
Di Salvo, Arthur Francis, B.S., M.S.	Augusta
Drury, Carl Morris, Jr., B.S.	Vidalia
Eargle, Cantral Lester, Jr.	Augusta
Edgens, Jack Ronald, B.A.	Atlanta
Farr, Hoyt Gordon, Jr., A.B.	Forest Park
Farr, Walter Floy, Jr., B.S.	Tyrone
Fleming, Lamar Lafayette, B.S.	Augusta
Freeman, Ronald Allen, B.S.	Macon
Gable, Ronald Selman, B.S.	Douglasville
Gilbert, Peter Gaillard, B.A.	Rome
Gleaton, Hugh Elbert, Jr., B.S.	Warwick
Groover, Ray, Jr., B.S.	Thomasville
Hancock, Carl Vester, Jr., B.S.	Albany
Harper, William Ferrell, B.S.	Blakely
Harvey, David Nesbitt, III, B.S.	Monticello
Hattaway, James Robert, B.A.	Bronwood
Hilsman, Agnew Hodge, III, A.B.	Atlanta
Hines, Robert Caraway, A.B.	Perry
Holbrook, William Heard, Jr., B.S.	Monroe
Horseman, Robert Walton	Athens
Hullender, Byron Nicholas, B.S.	Ringgold
Johnson, Sidney Phillip	Indian Springs
Jones, Charles Thagard, A.B.	Jesup
Jowers, Jonathan Ronald, B.S.	Ambrose
Kandul, Thomas Stanley, Jr., B.A.	Marietta
Kaufmann, Gary Edmund, B.A.	Atlanta
Knight, Martha Summerour	Marietta
Lee, Ralph Cail, Jr., B.A.	Thomson
LeRoy, Albert Grady, Jr., B.A.	Thomson
Magruder, Richard Lamar, B.A.	Augusta
Martin, Howell Joiner, B.A.	Chamblee
McCamy, John Coston, B.S.	Marietta
McCord, Symm Hawes, A.B.	Augusta
McKinney, Ray Lynes, A.B.	Atlanta
McLendon, Joe Lewis, A.B.	Hazlehurst
McLendon, Rembert Lavaughn, B.S., D.V.M.	Dawson
Miller, George Thomas, Jr., B.S.	Sylvania

Mills, Luther Rice, IV, A.B.	Tifton
Noel, Ewell Carlyle, Jr., B.S.	Albany
Ogden, William Singleton, B.S.	Macon
Oglesby, William Hollingsworth, B.A.	Valdosta
Pate, Eula Howell, B.A.	Fort Gaines
Pennington, Don Lavar, B.A.	Atlanta
Pulliam, Morris Michael, B.S.	Covington
Randall, Maurice Lee, A.B.	Lavonia
Reynolds, John Dixon, III, B.S.	Augusta
Robbins, Solomon Dave, B.A.	Savannah
Rosenthal, Sanford I., B.A.	Savannah
Sams, Frank Houston, Jr., B.S.	Reynolds
Sapp, Jerry Lamont, B.S.	Enigma
Searcy, Ashburn Pidcock, B.A.	Thomasville
Simpson, Jerry Gordon, II, B.S.	Atlanta
Smith, Amos Allen	Doerun
Solomon, Harold Stephen, B.S.	Savannah
Speir, William Arthur, Jr., B.S.	Hillsboro
Still, Joseph McCain, Jr., B.A.	Atlanta
Story, James Llewellyn, Jr.	Pelham
Taylor, James Witmer, B.S.	Waycross
Tippens, Jack Kelvin, B.S.	Marietta
Tucker, Paul Chambliss, Jr., A.B.	Macon
Tuten, Carroll Stewart, B.S.	Brunswick
Vinson, Alfred Mitchell, B.A.	Fort Valley
Welch, Carl Lester, B.S.	Attapulcus
Whiddon, Claude Maurice, B.S.	Valdosta
Wike, Charles Champion, B.S.	Eatonton
Wilkes, Leslie Lamar, Jr.	Quitman
Williams, William Morris	Chamblee
Wynn, Robert Alexander, B.S.	Hazlehurst

## CLASS OF 1966

Abbott, Emile Glines, III, B.S.	Savannah
Andrews, Phillip Edward, B.S.	Augusta
Batchelor, Curtis Allan, B.S.	Carrollton
Booth, Arthur Stovall, Jr., B.A.	Atlanta
Bowden, Talmadge Arton, Jr., B.S.	Atlanta
Brooks, James Carlton, Jr., A.B.	Macon
Buntin, William Henry, Jr., A.B.	Albany
Carelock, Ted Lee, B.S.	Douglas
Cash, Ted DeWayne, B.S.	Bremen
Clements, Mack Harvey	Greenville
Clements, Stephen David, Jr., B.C.E.	Woodbury
Collins, Myron Delano Franklin, A.B.	Clermont
Crooms, C. Lyn, B.A.	Cochran
Crouch, Mickey Morgan, B.S.	Augusta
Demby, Charles Edward, A.B.	Lithia Springs
Downs, Martha Evelyn, B.S.	Statham
Durden, Charles Henry, B.S.	Fitzgerald
Easley, Conrad Harlan, B.S.	Dalton
Edwards, Nancy Burke, A.B.	Macon
Fillingim, John Marion, A.B.	Savannah
Funk, Sidney Alan, B.A.	Columbus
Furman, Richard Warren, A.B.	Rome
Garrison, Alton Frank, B.S.	Augusta
Germain, Bernard F., B.A.	Atlanta
Greene, Ralph Rudicil, Jr., B.S.	Ringgold
Greenfield, Hyman Isaac, B.S.	Augusta
Greenwald, Herbert Sam, Jr., B.A.	Macon
Gregory, James Royce, B.S.	Sylvester
Gregory, William Eugene, Jr., B.S.	Waycross
Harper, Harry Taylor, III, B.S.	Augusta
Harris, Robert Hemphill, Jr., B.S.	Griffin
Hayes, William Henry, B.A.	Marietta



Herrin, Eugene VanLandingham, B.S.	Winder
Hudson, Cecil Clifford, Jr., A.B.	Hinesville
Hutchins, Charles Hubert, B.S.	Auburn
Jarrard, George Truett, Jr., B.S.	Sylvania
Justice, David Allen, A.B.	Toccoa
Kelley, Charles Neil, B.S.	Loganville
Kelly, Elmo Clyde, III, B.S., M.S.	Monticello
King, James Thomas, Jr., A.B.	Atlanta
Kitchings, Olen Eugene, III, A.B.	Barnesville
Knowles, Van Cise, B.S.	Albany
Lacey, James Allen	Fairmount
Laslie, Michael Nevins	Attapulgus
MacLeod, David Scott, B.S.	Rome
Macon, Philip Frederick, B. S.	Atlanta
Maddox, Charles Deaton, A.B.	Roberta
Manning, Donald Hubert, B.S.	Patterson
McDaniel, William Lafayette, Jr., A.B.	Atlanta
McEarchern, Walter William, B.A.	Shannon
McRae, Andrew Thomas, Jr., B.S.	Douglas
Medlock, Clyde Coleman, Jr., A.B.	Cartersville
Minter, William Thomas, III, A.B.	Griffin
Morrison, Joseph Valentine, Jr.	Savannah
Mulkey, Arnold Perl, Jr., B.S.	Millen
Myers, Allen Ray, B.S.	Alpharetta
Nechtman, Carl Mandel, B.S.	Atlanta
Newton, John Stewart, B.S.	Norman Park
Nicholson, Julian Osborn, Jr.	Decatur
Oxford, William Michael, A.B.	Culloden
Patrick, John Warren, A.B.	Pine Mountain
Quinn, James Gilbert, B.A.	Rossville
Rabb, Forte Calloway	Augusta
Ramsey, Speir Newton, B.S.	Guyton
Randolph, Frank Edward, B.S.	Augusta
Reid, Raymond Joseph, B.S.	Augusta
Reynolds, Harriett Laslie, A.B.	Attapulgus
Rossiter, Francis Patrick, Jr., B.S.	Savannah
Sanders, Floyd Hunt, A.B.	Macon
Schilling, Robinson Weller, Jr., B.A.	Atlanta
Seago, Richard Winston	Gracewood
Self, Stanley Jackson, A.B.	Macon
Shewey, Lana Lee, B.A.	St. Simon's Island
Siegel, Donald Carl, B.S.	Atlanta
Simmons, Robert Webb	Milledgeville
Simpson, Horace Lindsay, Jr., A.B.	Macon
Sims, Curtis Swords, B.A.	Augusta
Skelton, Marvin Eugene, B.S.	Woodstock
Smith, Richard LaVerne, B.S.	Toccoa
Strickland, Worthy Edwards, B.S.	Albany
Taylor, Harry Lundy, B.S.	McRae
Vickery, Samuel Ausborn, B.S., M.Ed.	Commerce
Weaver, Jerry Octave, B.S.	Cedartown
Whaley, William Howard, A.B.	Dunwoody
Whelchel, John Davis, B.S.	Statesboro
Wilhoite, James Richard	Rossville
Wilkiemeyer, Ralph Mark, B.A.	Atlanta
Williams, Charles Donald, A.B.	Moultrie
Williams, Jack Gerald, B.S.	Axson
Williams, Theodore Glenn, B.S.A.	Cordele
Woo, Pauline Mae	Augusta
Wynn, William Winfrey, A.B.	Atlanta

#### CLASS OF 1967

Adams, Clayton Alton, A.B.	Macon
Anderson, Robert Taylor, Jr.	Dublin
Bailey, Stephen Vincent, B.S.	Augusta

Banks, Sam Louis	Atlanta
Barnes, Joe Henry, B.A.	Tallapoosa
Bedingfield, Herbert Marvin, B.S.	Savannah
Bell, Sidney Allen	Athens
Boggan, Michael Dahyl, B.S.	Brunswick
Bolin, Marion Gilbert, B.S.	Macon
Briggs, Frank Louis Ruffer, B.A.	Atlanta
Brooks, William Phillip	Monroe
Brown, Dempsey Short, Jr.	Macon
Brown, Frank Joseph, B.S., M.Ed.	Norcross
Brown, Samuel Young, Jr., B.S.	Atlanta
Burns, Frank Avery, Jr., A.B.	Eastman
Coleman, Francis Wyeth, B.S.	Waycross
Collins, Chappell Adams, Jr., B.S.	Camilla
Collins, John Tollison, B.S.	Forsyth
Cousins, William Lamar	Greenville
Cox, Jackie Jackson, B.S.	McRae
Crowe, John Albert, Jr., B.S.	Pooler
Daitch, Ronald, B.S.	Augusta
Dawson, Jack Edwin, Jr.	Brunswick
Dennard, James Eugene, B.A.	Decatur
Dill, Thomas Edward	Grovetown
Duane, Lawrence Joseph, Jr., B.A.	McRae
Duffell, William Hartness, B.S.	Perry
Duke, John Franklin, III	Fort Valley
Durst, Edward Frank	Augusta
Freant, Lawrence Joseph, B.S.	Atlanta
Freedman, Murray Allen, B.S.	Savannah
George, William Mose, Jr., B.A.	Macon
Harden, Thomas Pasteur	Augusta
Harlow, Carol Elaine Manter, A.B.	Augusta
Harper, Marion Caldwell, B.S.	Athens
Hartley, Selwyn Thomas, Jr., B.S.	Davisboro
Hayes, Claudette, B.S.	Carrollton
Henry, Waights Gibbs, III, B.A.	LaGrange
Hobby, Charles Franklin, B.S.	Douglas
Hopkins, Ralph Dubose, Jr., B.S.	Washington
House, John Clifford, B.S.	Winder
Howard, Matthew Thomas, B.A.	Atlanta
Howington, Jerry Wayne, B.S.	Augusta
Jackson, James Gibson, III, B.S.	Augusta
Jenkins, Oliver Watkins, Jr., A.B.	Lindale
Johnson, Clarence Emory, Jr., B.A.	Macon
Johnson, Walter Edwin	Thomson
Joiner, Daryl Wayne, B.S.	Louisville
Jones, Al Edgar, B.S.	Alma
Kelleher, Robert Michael	Savannah
Kenimer, Barry Keith, B.S.	Greensboro
Kennedy, Thomas Eugene, B.S.	Guyton
Kiss, Karoly Otto	Atlanta
Marks, William Earl, Jr.	Augusta
Martin, Charles Richard	Dawson
Maulsby, Gilbert Orson, III, B.S.	Cartersville
McCord, Dale Lynn	Macon
Merren, Michael David, B.S.	Albany
Meyer, Carol Frances, B.A.	Augusta
Miller, David Eugene	Augusta
Minter, Brenda Suellen Bell	Jonesboro
Mitchell, Charles Henry, IV, B.S.	Augusta
Morgan, Toby Scott, Jr.	Augusta
Moye, Ben Hill, A.B.	Atlanta
Naman, Carl Hawkins, B.S.	Sandersville
Newland, Hillery Reid, Jr., B.S.	Dawson
Parrish, Glenn Cade	Atlanta
Phelps, Paul Raymond, B.S.	Warrenton

Phillips, Thomas Wilson, B.S.	Atlanta
Pittman, Thomas Abney, A.B.	Macon
Reeves, Kenneth Walton, A.B.	Dearing
Robert, Frank Chambers, B.A.	Rome
Roddenberry, Harvey Burton, Jr., B.S.	Valdosta
Routon, James Leonard, B.S.	College Park
Segars, Hoke Clement	Augusta
Shelor, William Cornelius, B.S.	Barnesville
Shonfield, Lee Jules, B.A.	Savannah
Smith, Don Terrel, B.S.	Portal
Spivey, James Wesley, Jr., A.B.	Macon
Stephens, Marvin Ronald, B.S.	Sandersville
Stocks, Siras Allan, B.A.	Avondale Estates
Strickland, Grady William, Jr.	Whigham
Stringer, Douglas Lynn	Augusta
Stubbs, David Manning, A.B.	Ochlochnee
Taylor, William Eli, B.A.	Dublin
Thames, Charlotte Corinn, A.B.	Fort Valley
Tumlin, William Darrell, A.B.	Rome
Van Der Zalm, Theodora	Evans
Waddell, Cecil Charles, B.S.	LaFayette
Wages, Harvey Samuel, Jr., B.S.	Savannah
Walker, Robert Jeffreys, III, B.S.	Macon
Whelchel, Carl Davis, III, A.B.	Cordele
Whitaker, Elizabeth Morgan, B.S.	Atlanta
Wilkes, William Lee, B.S.	Augusta
Wilson, James Marion, A.B.	Decatur
Womack, Charles Emerson, B.S.	Athens
Woo, Douglas King, B.S.	Augusta
Wood, Samuel Earl	Macon
Wood, William Graham, A.B.	Americus

#### CLASS OF 1968

Abney, Howard Teasley, Jr., B.S.	Athens
Bacon, Merrill Philip, B.S.	Pembroke
Bailey, William Michael, A.B.	Atlanta
Barry, William Earl, B.S.	Macon
Brand, Robert Lafayette, III, B.A.	Atlanta
Cadora, Donald Frank, A.B.	College Park
Carson, Homer Shannon, III	Augusta
Carter, Millard Gary, B.S.	Augusta
Cates, Robert Mitchell, B.S.	Tucker
Chandler, William Marcus, Jr., B.S.	Albany
Cofer, Tom Wills, Jr., B.S.	Thomson
Cohen, Jack Harold, B.S.	Atlanta
Coppage, William Mark, Jr.	Macon
Culberson, Wade Hamilton, A.B.	Cartersville
Dasher, William Barnard, Jr., B.S.	Macon
Davis, Larry Paul, B.S.	Augusta
Del Monte, Robert Winston, B.S.	Decatur
DiFiore, Ralph Joseph, B.A.	Savannah
Dobbs, Nelson Barrett, Jr., B.S.	Carrollton
Drury, Wiley LeDon, B.S.	Vidalia
Dye, David Goddard, B.A.	Atlanta
Ellison, Carroll Wendell, B.S.	Sylvania
Feinstein, Arthur Charles, B.A.	Decatur
Fix, Richard Manford, A.B.	Augusta
Flournoy, Henry Warnock, A.B.	Macon
Floyd, Gwynne Douglas, B.S.	Dalton
Gainey, William Henry	Atlanta
Giesler, Garnett, Jr., B.A.	Decatur
Gilliard, Fred Emerson, B.S.	Nicholls
Godard, John Ellington, A.B.	Moultrie
Gowen, James Furman, B.S.	Folkston
Gunby, Edwin Neal, B.S.	Atlanta

Hardman, John Barnett, A.B.	Commerce
Harris, John Alton, III, B.S.	Atlanta
Harrison, Jacob Roland, Jr., B.S.	Carrollton
Harvey, Charles Thomas, B.A.	Decatur
Highsmith, Carl Bennie, B.S.	Augusta
Hill, John Bunn, Jr., B.S.	Atlanta
Hill, Thomas Glenn, III, B.A.	Atlanta
Hollingsworth, Albert Stephens, Jr., B.A.	Griffin
House, Frederick Crisler, B.S.	Alpharetta
Hudgins, Michael Pharr, B.A.	Decatur
Hydrick, John Thomas, A.B.	College Park
Jaffe, Pierre, B.A.	Rossville
Johnston, Joseph Franklin	Decatur
Kaplan, Hyman M., B.A.	Columbus
Keith, Thomas Latimer, B.S.	Canton
King, Charles Robert, B.S.	Augusta
King, William Denton, B.S.	Chickamauga
LaConte, Leonard Perry, B.S.	Elberton
Lamb, Frank Shipley, A.B.	Macon
Langdon, Rebecca Yvonne, A.B.	Washington
Manget, Victor Eugene, III, B.A.	Newnan
May, Charles Bush, B.S.	Bainbridge
McBride, Michael Terry, B.S.	Villa Rica
McCants, Edward Gardner, Jr., B.S.	Thomaston
McDonald, Harrison Robert	Jesup
Milner, Thomas Hamilton, III, B.S.	Athens
Mullis, Kenneth Lamar, B.A.	Eastman
Mundorff, Thomas Nelson, B.S.	Atlanta
Nathan, David Harris	Fort Valley
Nelson, Ellis Harold	Ideal
Newton, Sandra Nell	Millen
Osburn, Richard Lee, B.S.	Decatur
Phillips, Daniel Gordon	Augusta
Purcell, Dent Wiley, B.S.	Glennville
Rafool, Gordon Joseph, B.S.	Toccoa
Ramsey, William Carey, A.B.	Atlanta
Raulston, Robert Owen, A.B.	Trenton
Rice, Charles Lane, A.B.	Athens
Rodgers, John Cantrell	Columbus
Rogers, Charles Ervin, B.A.	Forsyth
Roper, Ronald Phillip, B.S.	Cumming
Rosen, Barrett Frank, B.A.	Dalton
Safer, Irwin Harvey, B.S.	Savannah
Schnuck, Lloyd Bernard, Jr., A.B.	Atlanta
Schuessler, Carl Clifton, B.A.	Columbus
Scott, William Monroe, A.B.	Atlanta
Sherrer, Carl Willis, B.S.	Rayle
Simmons, John Walton	Jonesboro
Smith, Elsmar Jean, B.S.	Glenwood
Smith, James Edwald, B.S.	Camilla
Sommers, Peter Stephen, B.A.	Atlanta
Spiro, Robert Timothy, B.S.	Macon
Spivey, Jimmy Allen, A.B.	Macon
Stringer, Merle Preston	Augusta
Talley, Dean Beaury, B.S.	Carrollton
Tarpley, James Monroe, B.S.	Rome
Thomas, David Romulus, III, B.A.	Augusta
Thornton, Robert Sidney, B.A.	Elberton
Trest, Frederick Alan, B.S.	Columbus
Walter, Robert Wayne, B.S.	Augusta
Willis, Larry Franklin, B.S.	Cartersville
Wofford, Michael Westley, B.S.	Gainesville
Youngblood, Frederick Edward, B.S.	Augusta
Yow, Michael Veron, B.A.	Tifton
Zachry, John Banks	West Point
Zant, Albert Edwin, Jr., B.A.	Valdosta



## GRADUATE DIVISION, 1965-1966

### Candidates for the Doctor of Philosophy degree

Center, Melvin Samuel, B.S.	Savannah
Cook, Elizabeth Harper, B.S.	Atlanta
Folds, James Donald, B.S.	Augusta
Hammond, Mary Corinne, A.B.	Liberty, South Carolina
Lewis, Jasper Phelps, B.S., M.S.	Augusta
Lin, Michael Ching-Chung, B.S.	Taipei, Taiwan
Roesel, Raymond August, B.A.	Augusta
Tcholakian, Robert Kevork, B.S., M.S.	Jerusalem, Jordan
Welter, David Allen, B.S., M.S.	Port Orange, Fla.

### Candidates for the Master of Science degree

Anderson, Ann S., B.S.	Augusta
Adams, Dolph Oliver, A.B.	Montezuma
Asserson, Bowen, Jr., B.A.	Augusta
Batali, Marco S., B.S.	Augusta
Bedingfield, Rebecca B., B.S.	Augusta
Black, John Bryant, Jr., A.B.	Macon
Daugharty, Harry, A.B.	Fargo
DeLeon, Jesus Mario, B.A.	San Antonio, Texas
Edwards, Walter C., B.S.	Ringgold
Emling, Robert Charles, B.S.	Detroit, Michigan
Faucher, Guy Lucien, B. A., M.D.	Montreal, Quebec
Kangelos, Marilyn, B.S.	Augusta
Kantsiper, Alan Barry, B.S.	Savannah
Keaton, Charles Howard, B.A.	Americus
Little, Gwynne Hamilton, B.S.	Trion
Littlefield, Lynda Gayle, B.A.	Jonesville, South Carolina
Pair, John Irvin, B.S.	Atlanta
Poinsett, William Nelson, B.F.A.	Cape Girardeau, Missouri
Rabin, Albert Nathan, A.B.	Savannah
Reddick, Rhoda Anne, A.B.	Augusta
Reynolds, Cecelia A., B.S.	Aiken, South Carolina
Roper, Bobby Kenneth, B.A.	Jasper
Ruby, Lorne Dale, B.S.	Augusta
Sweat, Russell Demetrius, B.S.	Soperton
Tourial, Sidney Ralph, B.A.	Atlanta
Tung, Shing Mei, B.S.	Taipei, Taiwan
Wilson, Jerry Byne, B.S.	Augusta
Winn, William Milton, B.S.	Atlanta

## MEDICAL ILLUSTRATION, 1964-1965

### Class of 1965

Burroughs, Milton Guest	Augusta
Bussey, Miriam Faye	Augusta
Ito, Joel Hiroshi	Los Angeles, California
Lee, Katherine Thomas	Macon

### Class of 1966

Bennett, John Paul	Renton, Washington
Cousar, Helen McMillan	Sandersville
Lyngen, Wayne Morris	Luthersville, Maryland
McDonald, Eric Leland	Gulfport, Mississippi
Wood, Charles David	Highland Park, Michigan

## MEDICAL RECORD SCIENCE, 1964-1965

### Class of 1965

Branch, Lillie Sharon	Valdosta
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Hamilton, Sara Barbara	Augusta
Herndon, Ralph	Augusta
Jackson, Yancey McCrary	Augusta
Meinders, Barbara Ann	Camilla
Mobley, Jerri Lynn	Pelham
Thompson, Sandra Elaine	Senoia

#### **Class of 1966**

Coffman, Sue McLain	Miami, Florida
DeBille, Elise	Augusta
Gilmer, Mildred Center	Augusta

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#### **Class of 1965**

Beck, Jarrette Allen, Jr.	Augusta
Burdette, Linda C.	Greenville, South Carolina
Mingledorff, Roberta Irene	Savannah
Woods, Margit Gisela	Belvedere, South Carolina

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#### **Class of 1965**

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Blocker, Lela Jane	Glennville
Bryan, Judy Anne	Atlanta
Davis, Sharon Lenora	Tifton
Dickens, Sheila Ann	Decatur
Evans, Marilyn Kay	Decatur
Exley, Cheryl	Savannah
Fossett, Gloria Joiner	Augusta
Fox, Dorothy Starling	Augusta
Gay, Elizabeth Jones	Twin City
Gentry, Norma Lynn	Doraville
Gibson, Paula Elizabeth	Cedartown
King, Nancy Henrietta	Bamberg, South Carolina
Love, Julia Virginia	Marietta
McGuire, Barbara Sharon	Appling
McSwain, Lynda Gail	Atlanta
McWhorter, Helen Patricia	Jasper
Murphy, Phyllis Eileen	Cairo
Robinson, Martha Sharon	Cedartown
Schilling, Vivian Goodwin	Augusta
Sellers, Mary Frances	Alma
Short, Myra Kay	Rossville
Swenson, Nellie Sophronia	Columbus
Thompson, Ellen June	Martinez
Urquhart, Sue Brannon	Columbus
Williams, Carol Lee	Cordele
Woo, Leona T.	Augusta

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Armour, Linda Anne	Washington
Beeson, Sally	Athens
Bell, Brenda Estelle	Marietta
Brinson, Juanita Leona	Titusville, Florida
Collins, Nancy Cheryl	Decatur
Dawkins, Harriet Elizabeth	Marietta
Farren, Elizabeth Margaret	Marietta
Fortier, Julie Christine	St. Mary's
Foster, Pamela Kilpatrick	Augusta
Garrett, Donna Eugenia	Athens

Hansard, Mary Louise	Spartanburg, South Carolina
Hembree, Jo Ann	Douglasville
Lowery, Lana Kay	Eastman
Melcolm, Norma Jean	Aiken, South Carolina
Moore, Gladys	Hardwick
Owens, Barbara Nancy	Atlanta
Owens, Donna Gene	McRae
Ragsdel, Linda Jane	Brown's Mill, New Jersey
Senn, Nancy Audrey	Newberry, South Carolina
Sherrod, Susie Mae	Coolidge
Shier, Irene Patricia	Albany
Saxon, Audrey Jane	McBean
Trammell, Celia Carolyn	Luthersville
Tyler, Martha Linda	Allendale, South Carolina
Walker, Margaret Christine	Pearson

### Class of 1967

Akins, Linda Sue	Statesboro
Anglin, Marcia Jane	Decatur
Bentley, Mary Catherine	Atlanta
Blankenship, Robbie Allene	Augusta
Braun, Stephanie Ann	Atlanta
Davis, Mary Kathryn	Atlanta
Dorminy, Phyllis K.	Ocilla
Duncan, Dorothy Lynn	Kennesaw
Halvorsen, Jewel Jacqueline	North Augusta, South Carolina
Hartsfield, Sandra Louise	Sylvania
Hunt, Mary Lee	Cedartown
Jones, Anne Swan	Summerville
Kelley, Shirley Louise	Augusta
Kelly, Ann Cherie	Decatur
Manly, Emily Nell	Atlanta
McGibony, Mary Eugenia	Greensboro
McLaughlin, Fran Ruth	Augusta
Oelschig, Angela Mildred	Savannah
Raynor, Linda Kay	Jonesboro
Rogers, Brenda Carol	Jesup
Scarborough, Ida Rose	Columbus
Schneider, Ellen	Savannah
Spencer, Jeanette Frances	Calhoun
Stump, Barbara Jane	Lincolnton
Teston, Glenda Joyce	Homerville
Trawick, Brenda	Donalsonville
Trezevant, Teresa Anne	Marietta
Waxman, Julie Anne	Savannah
Weir, Paula Delray	Atlanta
Wiersch, Charlotte Marcia	Mobile, Alabama
Woods, Patricia Elaine	Augusta

### Class of 1968

Abernathy, Geraldine Janice	Austell
Barnes, Jo Lynn	Augusta
Balkcom, Dorothy N.	Brunswick
Blanton, Kathryn Jane	Camilla
Bolen, Judith Alyeen	Williston, South Carolina
Burnsed, Ellen	Savannah
Diephuis, Sue Anne	St. Simon's Island
Eaton, Mary Jane	East Point
Frost, Patricia Ann	Wrightsville
Gossett, Frances Ann	Americus
Hanson, Darrah June	Atlanta
Hill, Harriette	Jonesboro
Hinson, Miriam Joy	Augusta
Hunter, Lauralee	Greensboro
Huntington, Jane Elizabeth	Augusta

Jones, Barbara	Greensboro
Jones, Rosa Margaret	Dalton
Lacy, Shelby Jane	Hartwell
Loughery, Suzanne	McLean, Virginia
McIntyre, Jeanne Rose	Savannah
Mitchell, Judith	Savannah
Norsworthy, Edith Frances	McDonough
Peters, Alice Lynn	Augusta
Stump, Nellie Jean	Lincolnton
Tison, Cathy	Ashburn
Triplett, Marilynn	Tifton
Woolf, Susan Elizabeth	Atlanta

## **RADIOLOGIC TECHNOLOGY, 1964-1965**

### **Class of 1967**

Lurey, Marsha Adele	Greer, South Carolina
Markland, Marcia Louise	Aiken, South Carolina

## **X-RAY TECHNOLOGY (Trainees), 1964-1965**

### **Seniors**

Causey, Sue Ellen	Albany
Hopes, Paula Jeanne	North Augusta, South Carolina
Watson, Paula Lynda	Augusta

### **Juniors**

Garguilo, Hilary Darryl	Daytona Beach, Florida
Rice, Barbara Crichton	Augusta
Ruffin, Jean Fairfax	Belvedere, South Carolina
Saxon, Mary Inez	Augusta
Whitaker, Phyllis Anne	Elberton

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**medical college of georgia**